

REPORTS, RETURNS, AND STATISTICS  
OF THE  
**INLAND REVENUES**

OF THE  
DOMINION OF CANADA

FOR THE FISCAL YEAR ENDED MARCH 31

1917

PART II

**WEIGHTS AND MEASURES, GAS AND ELECTRICITY**

*PRINTED BY ORDER OF PARLIAMENT*



OTTAWA  
J. DE LABROQUERIE TACHÉ  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1917

[No. 13—1918.]



REPORT ON THE REVENUE AND FINANCE

# INLAND REVENUE

DOMINION OF CANADA

THE MINISTER OF FINANCE

1917

PART II

## WEIGHTS AND MEASURES, GAS AND ELECTRICITY

BY THE MINISTER OF FINANCE



PRINTED BY THE KING'S PRINTER, OTTAWA



# REPORT

OF THE

## DEPUTY MINISTER OF INLAND REVENUE

OF THE

### INSPECTION OF WEIGHTS AND MEASURES, GAS AND ELECTRICITY.

To the Honourable

The Minister of Inland Revenue.

SIR,—I have the honour to submit the annual report on the inspection of weights and measures, gas and electricity, with the usual statements in connection therewith for the fiscal year ended March 31, 1917.

J. U. VINCENT,

*Deputy Minister.*

Inland Revenue Department,

Ottawa, July 2, 1917.

### WEIGHTS AND MEASURES ANNUAL REPORT.

DEPARTMENT OF INLAND REVENUE,

WEIGHTS AND MEASURES STANDARDS BRANCH,

OTTAWA, July 6, 1917.

J. U. VINCENT, K.C., B.A., L.Ph.,

Deputy Minister of Inland Revenue,

Ottawa.

SIR,—I have the honour to submit the annual report on the Weights and Measures Inspection Service of the Dominion for the fiscal year ended March 31, 1917.

*First.*—The total revenue collected during the year for the inspection of weights and measures was \$131,625.60 as against \$112,136.81 collected during the twelve months ended March 31, 1916, showing an increase of \$19,488.79 in favour of the year just closed.

*Second.*—The total expenditure was \$188,086.60 as against \$181,113.86 expended during the year ended March 31, 1916.

*Third.*—Appendix A gives a summary statement of the receipts and expenditures of each inspection division.



*Fourth.*—The revenue collected represents 69·9 per cent of the total expenditures as against 61·9 per cent last year. As an inspection and protective service, Weights and Measures is necessarily unremunerative, and is so accepted as an administrative obligation in all countries.

Conditions naturally vary immensely in such a vast and varied country as Canada. Some divisions, including large towns or scale factories, show collections equalling or exceeding expenditure, whilst in other divisions, including immense but sparsely settled districts such as the Rocky mountains, both shores of the St. Lawrence gulf, Labrador, and Gaspe, the cost of itinerary inspections necessarily exceeds inspection fees collected, yet the public must be given protection in such parts.

As giving some idea of the ground covered in the course of inspection work, it might be remarked that in Manitoba, five officers working out of Winnipeg travelled on itineraries 9,393 miles during the months of September, October, and November, whilst for the same months four officers of Saskatoon travelled 9,956 miles. Similar conditions apply to the divisions at Regina, Calgary, and Edmonton.

*Fifth.*—As the West develops, travelling mileage increases year by year. As the land is put to cultivation, so elevators, requiring exacting annual inspection, increase in numbers. The following table gives an idea of the rate of this increase:—

	Stations.	Elevators.	Capacity.
	No.	No.	Bushels.
1910-11.....	863	1,909	105,462,700
1911-12.....	937	2,037	108,649,900
1912-13.....	1,048	2,319	127,224,550
1913-14.....	1,217	2,607	154,765,000
1914-15.....	1,247	2,813	168,624,000
1915-16.....	1,334	3,059	180,988,000
1916-17.....	1,400	3,360	193,844,000

From the table it will be seen that both the number of stations and country elevators has nearly doubled since 1910.

*Sixth.*—Owing to the war, railway facilities are most inadequate; on some western branch lines there are only one or two mixed trains a week. Officers therefore have to hire teams or auto cars, charges for which are exceedingly high. Yet the importance of inspection work and accuracy in weights and measures increases in direct ratio to the increased cost of commodities and must be carried on.

*Seventh.*—In my last report I made mention of the fact that two new divisions had been established in the West, one at Regina, comprising the southern half of Saskatchewan, and the other at Edmonton, comprising the northern half of Alberta. That this step was justified is proved by results, as shown in the following table of collections:—

	1915-16.	1916-17.
	\$ cts.	\$ cts.
Saskatoon.....	9,543 85	9,407 00
Regina.....		10,458 40
Calgary.....	5,875 00	4,292 65
Edmonton.....		4,224 60



## SESSIONAL PAPER No. 13

More important than the doubled collections for the two provinces is the fact that double the inspection work has been done, which it must be assumed was previously undone. Considerable credit is due Inspector D. J. McLean, of Regina, and his staff, for the excellent work done in the first year of this new division.

*Eighth.*—During the year, 28,375 pieces of Babcock milk and cream test glassware have been tested by the Weights and Measures Standards Branch, of which 27,876 have been verified and stamped, producing a revenue of \$1,394.75.

*Ninth.*—In appendices B and C will be found detailed statements of the various weights and measures, etc., presented for verification, verified, and rejected during the year, of which the following is a summary:—

	Presented.	Verified.	Rejected.	Percentage of Rejections.
Weights.....	79,327	78,767	560	0.7
Measures of capacity.....	185,611	185,112	499	0.25
“ length.....	7,443	1,390	53	0.71
Balances, equal arm.....	13,606	13,226	380	2.8
“ steelyards.....	12,002	11,897	105	0.87
“ platform.....	62,389	59,563	2,826	4.5
“ computing, automatic, etc.....	19,199	18,383	816	4.2
Pumps, measuring.....	6,741	6,576	165	2.4

The percentage of rejections is low, and does not represent actual conditions, because officers adjust or assist in adjusting incorrect weights, weighing and measuring machines whenever possible, and when adjustment does not involve expert mechanical training. Were this not done the figures for rejections would be very much higher.

*Tenth.*—This is the first year statistics have been compiled under the new classification, the results being very satisfactory. The articles heretofore shown under the miscellaneous column, 18,091 last year, are now classified under various headings, and are seen to represent this year, *inter alia*, 19,190 modern price computing scales, 6,576 gasoline measuring pumps, whilst the number of weights and measures of the metric system inspected, are shown for the first time.

During the year, seventy-two seizures were made, in the main of incorrect and worn-out weights and measures found in use for trade. Three were made for refusal to pay inspection fee, the machines being released upon subsequent payment under threat of prosecution.

Five prosecutions were instituted, two for the wilful falsification of a weighing machine, one for refusal to pay fees, and one for obstructing an officer.

## THE METRIC SYSTEM.

Due consideration must be given to the continued campaign for the compulsory introduction of this system both in England and the United States. Advantage is taken of the fact that co-operation with allied metric countries has led to considerable increase in the use of metric units, but such increase is confined in the main to the manufacture of munitions and artillery, and does not apply to general trade.

For a generation nearly, the metric system has been legal for trade and export in England, Canada, and the United States, yet its use and increase has been practically nil. Were it essential for foreign trade with metric countries, its adoption and



8 GEORGE V, A. 1918

increase should be natural and automatic, but such evidence is lacking. For domestic trade and industry it is unnecessary. The issue involved, then, is whether the latter, including agriculture, where the bushel, the acre, and the dollar constitute the trinity of the farmers' business, shall be disorganized by the compulsory substitution of the hectolitre and the hectare, and the metric system generally, in the interests and furtherance of the limited export trade to metric countries, in a great part of which the units of measure or weight do not enter at all.

The metric weights and measures inspected during the last fiscal year, as shown for the first time in the statistical tables, are given below, in comparison with those of Dominion denomination:—

	Metric.	Dominion
Measures of capacity.....	1,444	184,167
“ length.....	0	7,443
Weighing machines.....	268	109,609
Weights.....	727	78,600

Such figures of course do not give the total weights and measures in use, as those in science and manufacture are not subject to inspection, and therefore do not appear.

The war is still suspending the reproduction of the copies of the Dominion primary standards destroyed in the Parliament fire, and also the purchase from France of copies of the international metre and kilogram, as the primary metric standards of the Dominion.

I remain, sir,

Your obedient servant,

E. O. WAY,  
*Chief Inspector.*

## GAS AND ELECTRICITY ANNUAL REPORT.

DEPARTMENT OF INLAND REVENUE,  
ELECTRICAL STANDARDS LABORATORY,

OTTAWA, July 12, 1917.

J. U. VINCENT, Esq., K.C., B.A., L.Ph.,  
Deputy Minister of Inland Revenue,  
Ottawa.

SIR,—I have the honour to submit the annual report on the inspection of gas and electricity throughout Canada during the year ended March 31, 1917.

The combined services have recovered somewhat from the depression experienced during the fiscal year 1915-16, when a deficit in the revenue of \$8,012.40 was shown. At the close of the last fiscal year the revenue for the combined services shows a surplus of \$17,405.57.



SESSIONAL PAPER No. 13

INSPECTION OF GAS.

The total revenue collected during the fiscal year ended March 31, 1917, for the inspection of gas and gas meters was \$54,157.35 as compared with \$46,034.80 for the previous year. The total expenditure was \$61,736.12 as compared with \$66,255.58 for the year which ended March 31, 1916.

A return of gas companies distributing manufactured gas and the calorimetric tests connected therewith will be found in Appendix E; also a list of the natural gas companies registered, and the number of meters in use.

A statement showing the number of gas meters presented for verification during the fiscal year will be found in Appendix F.

ELECTRICITY INSPECTION.

The total revenue collected for meter inspection, etc., during the year ended March 31, 1917, was \$71,467.18 as compared with \$70,051.75 collected in the previous year. The total expenditure, including cost of inspection and maintenance of equipment, was \$46,482.84 as against \$57,843.37 for the fiscal year which ended on March 31, 1916.

The combined services of electricity and gas, the duties connected with which are performed by one set of officers, show the following financial results:—

Revenue.....	\$ 125,624 53
Expenditure.....	108,218 96
Surplus.....	\$ 17,405 57

A comparative statement of revenue and expenditure for the combined services during the past ten years is as follows:—

Years.	GAS AND ELECTRICITY.	
	Revenue.	Expenditure.
	\$ cts.	\$ cts.
1907-08.....	86,552 20	48,831 75
1908-09.....	92,450 21	54,018 71
1909-10.....	100,647 20	55,514 14
1910-11.....	112,150 25	63,385 03
1911-12.....	117,917 45	80,537 87
1912-13.....	138,090 95	93,000 83
1913-14.....	143,386 40	113,014 76
1914-15.....	139,403 25	124,233 49
1915-16.....	116,086 55	124,098 95
1916-17.....	125,624 53	108,218 96

showing on the ten years' operations an excess of revenue over expenditure of \$307,455.50.

A statement showing the quantities of electrical energy exported from Canada under authority of the Electricity Exportation Act by certain hydro-electric companies will be found in Appendix I.

A list of electric light and power companies registered under the provisions of the Electricity Inspection Act, with certain statistics connected with their operation, will be found in Appendix J.



8 GEORGE V, A. 1918

It may be stated, in conclusion, that the work of inspection is returning to its normal proportions, and it becomes a question as to how long the reduced staff will be able to satisfactorily meet the requirements of the service. As you are well aware, one or more men have enlisted for the front from nearly every inspection district in the country, and should the work continue to increase it may be found necessary to employ temporary assistance until the regular officers return from the war.

I remain, sir,

Your obedient servant,

ORMOND HIGMAN,  
*Chief Engineer.*



APPENDIX A.

STATEMENT of Weights and Measures Expenditures and Revenues during the fiscal year ended March 31, 1917.

Inspection Division.	Inspectors.	EXPENDITURES.						Revenues.
		Salaries.	Special Assist- ance.	Rent.	Travel- ling Expenses.	Sundries.	Total.	
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Belleville.....	Diamond, F. D.....	3,624 78	75 00	772 00	985 76	275 95	5,733 49	2,492 80
Hamilton.....	Sealy, J. C.....	8,182 92			2,953 44	121 21	11,257 57	12,919 10
Kingston.....	Gallagher, T.....	2,741 58			306 09	45 10	3,092 77	1,104 05
London.....	Hughes, R. A.....	5,646 22	120 00		2,775 86	187 82	8,729 90	10,974 90
Ottawa.....	Hinchey, E. H.....	10,816 20	1,823 65		2,331 35	120 04	15,091 24	8,865 45
Toronto.....	McConvey, J. J.....	8,741 46			1,983 29	108 91	10,833 66	14,735 20
	Ontario.....	39,753 16	2,018 65	772 00	11,335 79	859 03	54,738 63	51,091 50
Montreal.....	Hébert, J. A., Actg.	13,235 69	1,422 42	1,624 98	2,727 60	371 75	19,382 44	11,932 50
Quebec.....	Roy, C. E.....	9,399 72	3,971 08	300 00	2,865 22	222 10	16,758 12	5,947 60
Sherbrooke.....	Delorme, O. C.....	2,983 20	582 14	625 00	881 45	104 91	5,176 70	6,158 85
St. Hyacinthe.....	Morin, J. P.....	2,199 96	565 71		1,140 80	77 53	3,984 00	2,526 70
Three Rivers.....	Lessard, A.....	3,466 50	904 32		410 11	88 76	4,869 69	985 05
	Quebec.....	31,285 07	7,445 67	2,549 98	8,025 18	865 05	50,170 95	27,550 70
St. John, N.B.....	Barry, James.....	4,916 54	16 00		905 24	151 24	5,989 02	3,492 40
Halifax.....	O'Brien, W.....	1,883 23	859 92	507 36	669 09	236 25	4,155 85	1,335 70
Pictou.....	Dustan, W. M.....	3,241 50	48 00		695 10	74 87	4,059 47	1,959 20
	Nova Scotia.....	5,124 73	907 92	507 36	1,364 19	311 12	8,212 32	3,294 90
Charlottetown,P.E.I.	Davy, E.....	1,099 92	60 00		246 54	22 56	1,429 02	621 30
Winnipeg, Man.....	McKay, R.....	7,824 78		1,408 29	4,824 52	216 88	14,274 47	12,229 05
Regina.....	McLean, D. J.....	2,899 92	1,390 93		5,689 73	282 64	10,263 22	10,458 40
Saskatoon.....	Johnston, Chs. W...	5,391 48	1,019 99	180 00	5,248 93	231 29	12,071 69	9,407 00
	Saskatchewan.....	8,291 40	2,410 92	180 00	10,938 66	513 93	22,334 91	19,865 40
Calgary.....	Costello, J. W.....	4,775 07	590 34		2,105 52	208 71	7,679 64	4,292 65
Edmonton.....	McDougall, J. C....	1,200 00		540 00	1,757 15	292 08	3,789 23	4,224 60
	Alberta.....	5,975 07	590 34	540 00	3,862 67	500 79	11,468 87	8,517 25
Nelson.....	Parker, Thos.....	1,716 54	363 30	180 00	1,881 20	104 25	4,245 29	1,227 45
Vancouver.....	Dutton, A. H.....	2,420 73	48 00		176 35	443 65	3,088 73	2,294 05
	British Columbia....	4,137 27	411 30	180 00	2,057 55	547 90	7,334 02	3,521 50
Dawson, Yukon.....	Stingle, J. W.....	999 96				14 00	1,013 96	46 85
Chief Inspector.....						220 02	220 02	
A. A. Bowen.....	(Inspectors of )	298 63			45 68		344 31	
J. G. White.....	(Elevator Scales)	244 58					244 58	
Total for Divisions.....		109,951 11	13,860 80	6,137 63	43,606 02	4,222 52	177,778 08	
Milk Test Glassware.....								1,394 75
General Contingencies.....						1,409 26	1,409 26	
Printing.....						3,339 73	3,339 73	
Stationery.....						653 15	653 15	
Provisional Allowance.....						4,690 23	4,690 23	
International Bureau of Weights and Measures.....						216 15	216 15	
Grand Totals.....		109,951 11	13,860 80	6,137 63	43,606 02	14,531 04	188,086 60	131,625 60



APPENDIX B.

RETURN showing the Number of Weights, Measures, and Weighing Machines verified in each Inspection Division, during the Fiscal Year ended March 31, 1917.

WEIGHING MACHINES.													WEIGHTS.							
Inspection Divisions.	Platform Scales.				Spring Scales.			Computing Scales.		Automatic Scales.		Combined Avdp. and Metric.	Metric.	Avoirdupois.	Troy.	Metric.	Tolerated.	Tobacco.		
	Equal Arms.	Steelyard.	Ordinary.	Pitless.	Dial.	Track.	Trade.	Ice and Dairy.	Automatic Slot.	Scales.									Suspension Scales.	
										Spring	All Others.									Grain Elevator.
Belleville.....	113	24	877	29	.....	17	8	1	9	94	70	.....	2	.....	54	547	.....	134	.....	.....
Hamilton.....	2,335	4,936	7,852	5	13	20	16	24	11	86	800	.....	2	6	5	12,548	64	20	.....	.....
Kingston.....	80	4	352	9	.....	1	7	12	.....	145	.....	4	.....	.....	1	438	17	.....	.....	.....
London.....	594	98	3,435	91	266	26	3	49	5	35	3,165	6	1	7	.....	2,971	.....	.....	.....	.....
Ottawa.....	1,338	30	6,082	6	1	26	37	15	21	316	677	7	1	2	.....	7,652	.....	.....	.....	.....
Toronto.....	1,062	1,754	7,636	7	3	27	135	1	5	1,372	973	5	.....	6	1	4,944	16	24	.....	.....
Ontario.....	5,522	6,846	26,232	147	283	117	206	102	51	2,048	5,685	22	6	21	61	29,100	97	178	.....	.....
Montreal.....	1,822	627	4,931	26	.....	36	266	63	85	349	1,003	35	42	9	19	10,304	33	453	3	37
Quebec.....	1,223	463	2,466	2	6	11	66	.....	5	144	328	46	9	.....	.....	8,265	.....	.....	459	425
Sherbrooke.....	752	2,504	4,836	117	.....	7	17	9	.....	70	2,959	4	.....	7	78	6,677	19	37	6	.....
St. Hyacinthe.....	449	62	1,402	2	.....	2	29	.....	1	13	86	.....	.....	.....	1	2,181	.....	.....	.....	.....
Three Rivers.....	139	21	415	1	.....	6	8	7	.....	27	66	.....	.....	.....	5	780	.....	.....	.....	.....
Quebec.....	4,385	3,677	14,005	148	6	62	386	79	91	603	4,442	85	51	16	103	28,207	52	490	468	462
St. John, N.B.....	647	61	1,779	.....	.....	13	105	.....	1	85	288	.....	.....	.....	.....	2,828	.....	.....	.....	.....
Halifax.....	239	18	695	.....	.....	7	70	6	.....	32	184	.....	.....	1	.....	697	.....	.....	11	.....
Pictou.....	305	31	724	2	1	.....	30	.....	.....	154	300	.....	.....	8	.....	1,298	.....	.....	.....	.....
Nova Scotia.....	544	49	1,419	2	1	7	100	6	.....	186	484	.....	.....	9	.....	1,995	.....	.....	11	.....



SESSIONAL PAPER No. 13

Charlottetown, P.E.I.	132	22	347	1	.....	5	16	2	.....	19	49	.....	.....	3	.....	.....	687	.....	.....
Winnipeg, Man.	618	162	3,892	78	38	27	105	12	2	561	674	30	6	10	3	86	5,636	59	.....
Regina	302	274	3,438	118	.....	5	25	.....	.....	237	606	15	.....	6	.....	.....	1,702	.....	.....
Saskatoon	542	495	3,411	83	1	6	11	.....	1	354	431	16	3	.....	.....	.....	3,041	.....	.....
Saskatchewan	844	769	6,849	201	1	11	36	.....	1	591	1,037	31	3	6	.....	.....	4,743	.....	.....
Calgary	84	92	687	22	.....	17	9	.....	1	46	210	32	1	.....	.....	1	1,273	.....	.....
Edmonton	112	99	1,285	87	2	12	32	.....	.....	139	320	37	.....	.....	.....	16	922	.....	.....
Alberta	196	191	1,972	109	2	29	41	.....	1	185	530	69	1	.....	.....	17	2,195	.....	.....
Nelson	196	48	545	19	.....	21	24	1	1	153	133	.....	.....	.....	.....	.....	805	.....	.....
Vancouver	139	71	1,110	.....	1	17	251	12	.....	287	343	5	5	.....	.....	.....	631	.....	.....
British Columbia	335	119	1,655	19	1	38	275	13	1	440	476	5	5	.....	.....	.....	1,436	.....	.....
Dawson, Yukon	3	1	22	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	88	35	.....
Totals	13,226	11,897	58,217	705	332	309	1,271	214	148	4,718	13,665	242	72	65	13	267	76,915	727	479
																		462	

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.

J. U. VINCENT,  
*Deputy Minister.*











APPENDIX B—Concluded.

Return showing the Total Number of Weights, Measures and Weighing Machines Submitted in each Inspection Division during the Fiscal Year ended March 31, 1917.

WEIGHING MACHINES.																			WEIGHTS.				
Inspection Division.	Platform Scales.						Spring Scales.			Computing Scales.		Automatic Scales.		Suspension Scales.	Combined Avdp and Metric.	Metric.	Avoirdupois.	Troy.	Metric.	Tolerated.	Tobacco.		
	Equal Arms.	Steelyard.	Ordinary.	Pitless.	Dial.	Track.	Trade.	Ice and Dairy.	Automatic Slot.	Computing Scales.		Automatic Scales.											
										Spring	All Others.	Grain Elevator.	All others.										
Belleville	114	24	925	32		17	9	1	9	95	70		2			54	547						
Hamilton	2,483	4,960	8,394	7	15	33	24	25	24	130	1,025		2	10		5	12,634	111					
Kingston	81	5	382	9		1	7	12		146		4				1	444	17					
London	606	100	3,627	93	268	29	5	49	5	50	3,250	6	1	7			2,982						
Ottawa	1,371	33	6,229	6	1	28	39	15	30	349	716	7	1	2			7,748						
Toronto	1,102	1,76	7,825	7	3	29	142	1	5	1,395	1,011	5		7		1	4,949	16		24			
Ontario	5,757	6,885	27,382	154	287	137	226	103	73	2,165	6,072	22	6	26		61	29,304	144		178			
Montreal	1,892	654	5,179	26		39	284	63	89	377	1,036	37	46	9	7	19	10,412	33		453	3		
Quebec	1,238	468	2,507	3	6	12	71		5	148	332	46	9				8,373				463		
Sherbrooke	752	2,506	4,850	119	1	9	18	9		71	2,959	4		7		78	6,677	19		37	6		
St Hyacinthe	453	68	1,489	2		3	33		1	14	95					1	2,181						
Three Rivers	139	22	443	1		6	8	8	1	28	68					5	780						
Quebec	4,474	3,718	14,468	151	7	69	414	80	96	638	4,490	87	55	16		103	28,423	52		490	472		
St John, N.B.	655	66	1,808			13	108		1	85	288						2,834						
Halifax	240	18	706			8	70	6		32	184			1	3		697				11		
Pictou	305	31	734	2	1		30			154	301			8			1,298						
Nova Scotia	545	49	1,440	2	1	8	100	6		186	485			9	3		1,995				11		



SESSIONAL PAPER No. 13

Charlottetown, P E I.	132	22	347	1	.....	5	16	2	.....	19	49	.....	.....	3	.....	.....	687	.....	.....	.....	
Winnipeg, Man.....	637	166	4,100	86	40	29	107	12	2	627	716	31	6	12	3	87	5,642	.....	59	.....	
Regina.....	311	274	3,769	143	.....	8	33	.....	.....	245	625	15	.....	6	.....	.....	1,713	.....	.....	.....	
Saskatoon.....	548	501	3,703	93	1	6	11	.....	1	373	447	17	3	.....	.....	.....	3,069	.....	.....	.....	
Saskatchewan .....	859	775	7,472	236	1	14	44	.....	1	618	1,072	32	3	6	.....	.....	4,782	.....	.....	.....	
Calgary.....	94	100	827	34	.....	32	19	.....	1	60	234	32	1	.....	.....	1	1,286	.....	.....	.....	
Edmonton.....	115	101	1,358	98	3	14	34	.....	.....	149	326	38	1	.....	.....	16	922	.....	.....	.....	
Alberta.....	209	201	2,185	132	3	46	53	.....	1	209	560	70	2	.....	.....	17	2,208	.....	.....	.....	
Nelson.....	196	48	545	19	.....	21	24	1	1	153	133	.....	.....	.....	.....	.....	805	.....	.....	.....	
Vancouver.....	139	71	1,140	.....	1	17	252	12	.....	289	345	5	5	.....	.....	.....	631	.....	.....	.....	
British Columbia..	335	119	1,685	19	1	38	276	13	1	442	478	5	5	.....	.....	.....	1,436	.....	.....	.....	
Dawson, Yukon .....	3	1	22	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	88	.....	.....	.....	
Total . . . . .	13,606	12,002	60,909	781	340	359	1,345	216	175	4,989	14,210	247	77	72	13	268	77,399	231	727	483	487

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.

J. U. VINCENT,  
Deputy Minister.



APPENDIX C.

RETURN showing the Number of Measures of Capacity, Lineal Measures and Micellaneous Verified in each Inspection Division, during the Fiscal Year ended March 31, 1917.

Inspection Division	MEASURES OF CAPACITY.			MEASURING DEVICES.		LINEAL MEASURES	MISCELLANEOUS.	
	Dominion	Metric	Milk Cans	Pumps.	Measuring Tanks.	Dominion.	Scales.	Measures of Capacity.
Belleville	297	...	3,262	62	.....	3		.....
Hamilton.....	18,830	...	71	200	.....			.....
Kingston.....	1,980	.....		19	.....	94		.....
London	23,625		13,686	385	.....	2,700		.....
Ottawa.....	2,229		2,331	361	.....	735		.....
Toronto.....	27,363	1,287	19,389	2,168	.....	515		.....
Ontario.....	74,324	1,287	38,739	3,195	.....	4,047		.....
Montreal.....	22,769	.....	5,382	434	10	1,164		.....
Quebec.....	6,615	157		244	.....	1,017		.....
Sherbrooke	457	.....		48	.....	68	13	.....
St. Hyacinthe.....	2,019	.....	1	79	.....	218		.....
Three Rivers.....	629			42	.....	51		.....
Quebec.....	32,489	157	5,383	847	.....	2,518	13	.....
St. John, N.B.....	3,920	.....	3,685	458	.....	16		.....
Halifax.....	805	.....	51	125	.....			5
Pictou.....	618			333	.....	57	25	.....
Nova Scotia.....	1,423		51	458	.....	57	25	5
Charlottetown, P.E.I.	42			59	.....			.....
Winnipeg, Man.....	6,646	.....	10,669	601	.....	286		.....
Regina.....	411		950	348	.....	134		.....
Saskatoon.....	737			350	.....	286		.....
Saskatchewan.....	1,148	.....	950	698	.....	420		.....
Calgary.....	9	.....	2,320	58	.....	1		.....
Edmonton.....	20	.....	1,713	156	.....	1		.....
Alberta.....	29		4,033	214	.....	2		.....
Nelson.....	77	.....	20	24	.....	44	4	.....
Vancouver.....	37	.....		22	.....		4	.....
British Columbia.	114	.....	20	46	.....	44	8	.....
Dawson, Yukon.....	3				.....			.....
Totals.....	120,138	1,444	63,530	6,576	10	7,390	46	5



SESSIONAL PAPER No. 13

## APPENDIX C—Continued.

RETURN showing the Number of Measures of Capacity, Lineal Measures and Miscellaneous, Rejected in each Inspection Division, during the Fiscal Year ended March 31, 1917.

Inspection Division.	MEASURES OF CAPACITY.			MEASURING DEVICES.		LINEAL MEASURES.	MISCELLANEOUS.	
	Dominion.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Dominion.	Scales.	Measures of Capacity.
Belleville.....			213					
Hamilton.....	3		7	22				
Kingston.....								
London.....	3			15				
Ottawa.....	12		30	16		41		
Toronto.....				4				
Ontario.....	18		250	57		41		
Montreal.....				9				
Quebec.....	6					12		
Sherbrooke.....								
St. Hyacinthe.....				20				
Three Rivers.....				2				
Quebec.....	6			31		12		
St. John, N.B.....				3				
Halifax.....								
Pictou.....				3			1	
Nova Scotia.....				3			1	
Charlottetown, P.E.I.....								
Winnipeg, Man.....				12				
Regina.....				17				
Saskatoon.....				32				
Saskatchewan.....				49				
Calgary.....			225	5				
Edmonton.....				5				
Alberta.....			225	10				
Nelson.....								
Vancouver.....								
British Columbia.....								
Dawson, Yukon.....								
Totals.....	24		475	165		53	1	

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.

J. U. VINCENT,  
Deputy Minister.



APPENDIX C—*Concluded.*

RETURN showing the Total Number of Measures of Capacity, Lineal Measures and Miscellaneous, Submitted in each Inspection Division, during the Fiscal Year ended March 31, 1917.

Inspection Divisions.	MEASURES OF CAPACITY.			MEASURING DEVICES.		LINEAL MEASURES.	MISCELLANEOUS.	
	Dominion.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Dominion.	Scales.	Measures of Capacity.
Belleville.....	297		3,475	62		3		
Hamilton.....	18,833		78	222				
Kingston.....	1,980			19		94		
London.....	23,628		13,686	400		2,700		
Ottawa.....	2,241		2,361	377		776		
Toronto.....	27,363	1,287	19,389	2,172		515		
Ontario.....	74,342	1,287	38,989	3,252		4,088		
Montreal.....	22,769		5,382	443	10	1,164		
Quebec.....	6,621	157		244		1,029		
Sherbrooke.....	457			48		68		
St. Hyacinthe.....	2,019		1	99		218		
Three Rivers.....	629			44		51		
Quebec.....	32,495	157	5,383	878	10	2,530	13	
St. John, N.B.....	3,920		3,685	461		16		
Halifax.....	805		51	125				5
Pictou.....	618			336		57		
Nova Scotia.....	1,423		51	461		57	26	5
Charlottetown, P.E.I.....	42			59				
Winnipeg, Man.....	6,646		10,669	613		286		
Regina.....	411		950	365		134		
Saskatoon.....	737			382		286		
Saskatchewan.....	1,148		950	747		420		
Calgary.....	9		2,545	63		1		
Edmonton.....	20		1,713	161		1		
Alberta.....	29		4,258	224		2		
Nelson.....	77		20	24		44	4	
Vancouver.....	37			22			4	
British Columbia.....	114		20	46		44	8	
Dawson, Yukon.....	3							
Totals.....	120,162	1,444	64,005	6,741	10	7,443	4	5

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.

J. U. VINCENT,  
Deputy Minister.



SESSIONAL PAPER No. 13

**APPENDIX D.**

STATEMENT of Gas Inspection Expenditures and Revenues for the Fiscal Year ended March 31, 1917.

Districts.	Inspectors.	EXPENDITURES.						Revenues.
		Salaries.	Special Assist- ance.	Rent.	Travel- ling Expenses.	Sun- dries.	Total.	
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Belleville.....	Fraser, H.....		692 82	200 00	272 95	102 69	1,268 46	2,026 20
Hamilton.....	Lutz, H.....	4,216 57	632 00	65 00	596 85	244 64	5,755 06	5,978 05
London.....	Nash, A. F.....	4,920 05	429 57		655 20	193 63	6,198 45	6,281 10
Ottawa.....	Kinsman, E. A....	4,374 74	2,464 42	429 90	2 00	42 51	7,313 57	2,649 80
Toronto.....	Stiver, J. L.....	10,899 48	180 00	180 00	217 30	201 06	11,677 84	14,647 90
	<i>Ontario.....</i>	24,410 84	4,398 81	874 90	1,744 30	784 53	32,213 38	31,583 05
Montreal.....	Aubin, A.....	8,099 84	66 00	432 00	123 05	151 78	8,872 67	13,009 30
Quebec.....	Cantin, J. A.....	766 58					766 58	1,006 20
Sherbrooke....	Simpson, A. F....	499 92					499 92	236 00
St. Hyacinthe...	Aubin, A., Actg...							86 40
	<i>Quebec.....</i>	9,366 34	66 00	432 00	123 05	151 78	10,139 17	14,337 90
Fredericton.....	Wilson, J.E., Actg.	99 96					99 96	
St. John, N.B....	Wilson, J. E.....	2,399 88	4 00		287 15	31 50	2,722 53	645 60
	<i>New Brunswick.</i>	2,499 84	4 00		287 15	31 50	2,822 49	645 60
Halifax, N.S....	Toale, John.....	2,399 88		507 36	18 65	18 60	2,944 49	543 60
Charlottetown, P.E.I.....	Bell, J. H.....	499 92					499 92	39 50
Winnipeg, Man..	Hamilton, R.....	6,749 88					6,749 88	2,780 55
Calgary, Alta...	Kyle, W. P.....		515 02		91 30	49 84	656 16	997 90
Vancouver.....	Stott, John.....				0 35	3 75	4 10	2,412 65
Victoria.....	Dresser, F.....	1,499 88	4 00		6 20	28 11	1,538 19	816 60
	<i>British Columbia</i>	1,499 88	4 00		6 55	31 86	1,542 29	3,229 25
	Inspector of East- ern Dominion.					17 37	17 37	
	Inspector of West- ern Dominion.				231 90	105 66	337 56	
	Totals for Inspectors.	47,426 58	4,987 83	1,814 26	2,502 90	1,191 14	57,922 71	54,157 35
General Contingencies.....						316 12	316 12	
Printing.....						1,725 18	1,725 18	
Stationery.....						1,772 11	1,772 11	
Grand Totals.....		47,426 58	4,987 83	1,814 26	2,502 90	5,004 55	61,736 12	54,157 35

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917J. U. VINCENT,  
Deputy Minister.







SESSIONAL PAPER No. 13

E.

Calorimetric and Sulphuretted Hydrogen Tests made during March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests. Made.	Times found present.	Number of Tests.		Highest B.T.U.	Lowest B.T.U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
2	0	2	2	624	615	620		None.
2	0	2	2	653	619	636		"
2	0	2	2	586	583	585		"
3	0	2	3	611	571	589		"
2	0	2	2	571	555	563		"
2	0	3	2	685	590	637		"
2	0	2	2	606	577	592		"
2	0	2	2	592	586	589		"
2	0	2	2	580	548	564		"
2	0	2	2	576	559	567		"
2	1	2	2	577	569	573		"
2	0	2	2	579	549	564	590	"
4	2	4	4	601	480	523		499-511-480
4	1	4	4	595	519	553		519
5	0	5	5	586	524	548		None..
4	0	4	4	609	530	554		"
5	0	4	5	533	522	526		"
4	0	5	4	534	516	523		516
4	0	4	4	527	523	525		None.
4	0	4	4	539	523	532		"
4	0	4	4	533	506	521		506
4	0	4	4	532	527	531		None.
4	2	4	4	533	502	521		502
4	2	4	4	542	524	530	532	None.

apparatus not yet installed.

4	0	4	4	596	577	588		None.
4	0	4	4	560	556	558		"
5	0	5	5	576	566	570		"
4	0	4	4	586	564	575		"
5	0	4	5	574	548	559		"
4	0	5	4	600	528	558		"
4	0	4	4	568	554	563		"
4	0	4	4	548	542	545		"
4	0	4	4	560	534	544		"
4	0	4	4	565	539	559		"
4	0	4	4	594	572	580		"
4	0	4	4	588	556	566	564	"
4	3	2	2	761	744	753		None.
4	4	2	2	758	755	757		"
3	0	2	3	758	732	748		"
2	0	2	2	789	746	768		"
0	0	2	0					"
2	0	3	2	755	706	731		"
2	0	2	2	771	770	770		"
1	0	1	1	672	672	672	743	"

Manufacture stopped and plant shut down in November.



STATEMENT of the Coal and Water Gas Companies registered and the  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number
				Prescribed.
Cobourg, Ont.. Cobourg Gas Light and Water Co.	Coal Gas.	436	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2
Cornwall, Ont..... Stormont Electric Lt. & Pr. Co.	Carburetted Water Gas...	375	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2
Deseronto, Ont.. Corporation of Deseronto.	Carburetted Water Gas...	128	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2
Guelph, Ont..... Corporation of Guelph.	Coal Gas and Carburetted Water Gas.....	3,241	Apr., 1916..	4
	"		May, 19'6..	4
	"		June, 1916..	5
	"		July, 1916..	4
	"		Aug., 1916..	4
	"		Sept., 1916..	5
	"		Oct., 1916..	4
	"		Nov., 1916..	8
	"		Dec., 1916..	8
	"		Jan., 1917..	8
	"		Feb., 1917..	8
	"		Mar., 1917..	8



## SESSIONAL PAPER No. 13

Calorimetric and Sulphuretted Hydrogen Tests made during  
March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests. Made.	Times found present.	Number of Tests.		Highest B.T.U.	Lowest B.T.U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
2	0	2	2	631	624	618		None.
2	0	2	2	633	624	629		"
3	0	2	3	610	588	600		"
2	0	2	2	621	598	610		"
2	0	2	2	618	592	605		"
2	0	3	2	609	568	589		"
2	0	2	2	594	587	591		"
2	0	2	2	592	590	591		"
2	0	2	2	601	584	593		"
2	0	2	2	623	593	608		"
2	0	2	2	600	592	596		"
2	0	2	2	603	598	600	604	"
2	2	2	2	615	556	586		None.
2	2	2	2	636	595	616		"
2	2	2	2	561	551	558		"
2	2	2	2	604	575	590		"
2	2	2	2	591	584	588		"
2	2	3	2	615	571	593		"
2	2	2	2	584	576	580		"
2	2	2	2	529	526	528		"
2	2	2	2	574	574	574		"
2	2	2	2	570	523	547		"
2	2	2	2	562	531	547		"
2	2	2	2	542	540	541	571	"
2	0	2	2	646	575	611		None.
2	1	2	2	650	645	647		"
2	0	2	2	672	642	657		"
2	1	2	2	698	688	693		"
3	2	2	3	695	582	624		"
2	1	3	2	744	731	738		"
2	1	2	2	636	663	675		"
2	0	2	2	719	678	698		"
2	0	2	2	742	732	737		"
2	1	2	2	761	726	744		"
2	2	2	2	751	714	732		"
2	0	2	2	712	697	704	688	"
4	0	8	8	627	583	610		None.
4	0	8	8	604	574	587		"
5	0	10	10	639	581	605		"
4	0	8	8	634	577	602		"
5	0	8	10	611	560	582		"
4	0	10	8	607	578	592		"
4	0	8	8	596	574	585		"
8	0	8	8	604	562	580		"
8	0	8	8	578	539	560		"
8	0	8	8	554	530	541		"
8	0	8	8	577	538	559		"
8	0	8	8	597	538	571	557	"



8 GEORGE V, A. 1918

STATEMENT of the Coal and Water Gas Companies registered and  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number Prescribed.
Halifax, N.S. Halifax Electric Tramway Co.	Coal Gas.....	1,602	Apr., 1916..	4
	"		May, 1916..	4
	"		June, 1916..	5
	"		July, 1916..	4
	"		Aug., 1916..	4
	"		Sept., 1916..	5
	"		Oct., 1916..	4
	"		Nov., 1916..	4
	"		Dec., 1916..	4
	"		Jan., 1917..	4
	"		Feb., 1917..	4
	"		Mar., 1917..	4
Hamilton, Ont. United Gas & Fuel Co.	Coal Gas.....	665	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2
Kingston, Ont. Corporation of Kingston.	Carburetted Water Gas...	2,958	Apr., 1916..	4
	"		May, 1916..	4
	"		June, 1916..	5
	"		July, 1916..	4
	"		Aug., 1916..	4
	"		Sept., 1916..	5
	"		Oct., 1916..	4
	"		Nov., 1916..	8
	"		Dec., 1916..	8
	"		Jan., 1917..	8
	"		Feb., 1917..	8
	"		Mar., 1917..	8
Kitchener, Ont. Corporation of Kitchener.	Coal Gas and Carburetted Water Gas.....	3,231	Apr., 1916..	4
	"		May, 1916..	4
	"		June, 1916..	5
	"		July, 1916..	4
	"		Aug., 1916..	4
	"		Sept., 1916..	5
	"		Oct., 1916..	4
	"		Nov., 1916..	8
	"		Dec., 1916..	8
	"		Jan., 1917..	8
	"		Feb., 1917..	8
	"		Mar., 1917..	8



SESSIONAL PAPER No. 13

the Calorimetric and Sulphuretted Hydrogen Tests made during March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests. Made.	Times found present.	Number of Tests.		Highest B.T.U.	Lowest B.T.U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
5	0	4	5	590	567	580		None.
4	0	4	4	600	583	590		"
5	0	5	5	593	574	582		"
4	0	4	4	586	583	585		"
4	0	4	4	586	573	577		"
5	0	5	5	571	554	564		"
4	0	4	4	556	532	573		"
4	0	4	4	612	568	582		"
4	0	4	4	562	549	556		"
4	0	4	4	567	552	557		"
4	0	4	4	554	536	547		"
4	0	4	4	540	524	532	569	"
2	0	2	2	534	522	528		None.
3	0	2	2	543	523	533		"
2	0	2	2	534	525	530		"
3	0	2	2	557	534	546		"
2	0	2	2	553	523	538		"
3	0	3	3	535	523	529		"
2	0	2	2	531	522	527		"
2	0	2	2	533	531	532		"
2	0	2	2	666	531	599		"
2	0	2	2	530	528	529		"
2	0	2	2	541	526	534		"
2	0	2	2	531	522	527	538	"
4	0	8	8	644	595	618		None.
4	0	8	8	679	596	643		"
5	0	10	10	680	622	644		"
4	1	8	8	662	617	632		"
5	0	8	10	611	524	566		"
4	1	10	8	729	673	694		"
4	3	8	8	737	681	700		"
8	8	8	8	723	584	648		"
8		8	8	665	530	584		"
8	6	8	8	682	505	568		505
8	0	8	8	688	521	607		None.
8	0	8	8	682	511	599	625	511
4	0	8	8	531	520	525		None.
4	0	8	8	541	524	527		"
5	0	10	10	556	520	526		"
4	0	8	8	547	521	534		"
4	0	8	8	593	533	561		"
5	0	10	10	598	522	553		"
4	0	8	8	563	520	531		"
6	0	8	8	547	501	526		501
8	0	8	8	569	524	541		None.
8		8	8	569	522	539		"
8	0	8	8	556	520	535		"
8	0	8	8	537	523	528	536	"



8 GEORGE V, A. 1918

STATEMENT of the Coal and Water Gas Companies registered and  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number Prescribed.
London, Ont. City Gas Company.	Coal Gas and Carburetted Water Gas.	9,984	Apr., 1916..	12
	"		May., 1916..	12
	"		June, 1916..	15
	"		July, 1916..	12
	"		Aug., 1916..	12
	"		Sept., 1916..	15
	"		Oct., 1916..	12
	"		Nov., 1916..	12
	"		Dec., 1916..	12
	"		Jan., 1917..	12
	"		Feb., 1917..	12
	"		Mar., 1917..	12
Montreal, P.Q. Montreal Lt. Ht. & Pr. Co.	Coal Gas and Carburetted Water Gas.	107,903	Apr, 1916...	12
	"		May, 1916...	12
	"		June, 19 6...	15
	"		July, 1916...	12
	"		Aug., 1916...	12
	"		Sept., 1916...	15
	"		Oct., 1916...	12
	"		Nov., 1916...	26
	"		Dec., 1916...	25
	"		Jan. 1917...	26
	"		Feb., 1917...	24
	"		Mar., 1917...	27
Nanaimo, B.C. Nanaimo City Gas Co.	Coal Gas.....	306	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		M.r., 1917..	2
Napanee, Ont. Napanee Gas Co. to Sept., 1916, since then The Hydro-Electric Power Com- mission of Ontario.	Coal Gas.....	341	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2
Nelson, B.C. Corporation of Nelson.	Coal Gas.....	675		



## SESSIONAL PAPER No. 13

the Calorimetric and Sulphuretted Hydrogen Tests made during  
March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests. Made.	Times found present.	Number of Tests.		Highest B.T.U.	Lowest B.T.U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
12	0	12	12	563	532	549		None.
12	0	12	12	571	539	555		"
12	0	15	12	584	540	554		"
15	0	12	15	575	528	552		"
12	0	12	12	563	516	551		516
15	0	15	15	580	550	561		None.
12	0	12	12	572	533	549		"
12	0	12	12	554	530	541		"
12	0	12	12	551	527	539		"
12	0	12	12	577	533	547		"
12	0	12	12	552	536	542		"
12	0	12	12	576	526	543	549	"
13	0	23	23	578	521	535		None.
14	0	26	26	545	521	530		"
13	0	25	25	550	520	527		"
13	0	25	25	537	520	523		"
13	0	27	27	532	520	522		"
13	0	25	25	539	520	523		"
13	0	25	25	528	520	521		"
13	0	26	26	528	520	521		"
25	0	25	25	523	520	520		"
26	0	26	26	522	520	521		"
24	0	24	24	522	520	520		"
27	0	27	27	525	520	522	524	"
2	0	2	2	588	574	581		None.
2	0	2	2	589	571	580		"
2	0	2	2	590	590	590		"
2	0	2	2	575	573	574		"
2	0	2	2	599	583	591		"
2	0	3	2	541	572	577		"
2	0	2	2	559	551	555		"
2	0	2	2	551	549	550		"
2	0	2	2	577	535	556		"
2	0	2	2	581	539	560		"
2	0	2	2	613	585	599		"
2	0	2	2	568	559	564	573	"
2	0	2	2	592	544	568		None.
2	0	2	2	605	605	605		"
2	0	2	2	601	568	585		"
2	0	2	2	634	620	627		"
3	0	2	3	629	609	620		"
2	0	3	2	591	589	590		"
2	0	2	2	570	527	548		"
2	0	2	2	592	562	577		"
2	0	2	2	580	567	573		"
2	0	2	2	546	521	533		"
2	0	2	2	573	528	550		"
2	0	2	2	521	491	506	574	491

Testing apparatus not yet installed.



8 GEORGE V, A. 1918

STATEMENT of Coal and Water Gas Companies registered and  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number Prescribed.
New Westminster, B.C. New Westminster Gas Co.	Coal Gas	439	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2
Oshawa, Ont. City Gas Co. to Sept., 1916, since then, The Hydro-Electric Power Commis- sion of Ontario.	Carburetted Water Gas...	1,138	Apr., 1916..	4
	"		May, 1916..	4
	"		June, 1916..	5
	"		July, 1916..	4
	"		Aug., 1916..	4
	"		Sept., 1916..	5
	"		Oct., 1916..	4
	"		Nov., 1916..	4
	"		Dec., 1916..	4
	"		Jan., 1917..	4
	"		Feb., 1917..	4
	"		Mar., 1917..	4
Ottawa, Ont. Ottawa Gas Co.	Coal Gas	13,479	Apr., 1916..	12
	"		May, 1916..	12
	"		June, 1916..	15
	"		July, 1916..	12
	"		Aug., 1916..	12
	"		Sept., 1916..	15
	"		Oct., 1916..	12
	"		Nov., 1916..	25
	"		Dec., 1916..	25
	"		Jan., 1917..	26
	"		Feb., 1917..	23
	"		Mar., 1917..	27
Owen Sound, Ont. Corporation of Owen Sound.	Coal Gas	1619	Apr., 1916..	4
	"		May, 1916..	4
	"		June, 1916..	5
	"		July, 1916..	4
	"		Aug., 1916..	4
	"		Sept., 1916..	5
	"		Oct., 1916..	4
	"		Nov., 1916..	4
	"		Dec., 1916..	4
	"		Jan., 1917..	4
	"		Feb., 1917..	4
	"		Mar., 1917..	4



## SESSIONAL PAPER No. 13

the Calorimetric and Sulphuretted Hydrogen Tests made during  
March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests.	Times found present.	Number of Tests.		Highest B.T.U.	Lowest B.T.U.	Average B.T.U.		Readings below Standard
Made.		Prescribed.	Made.			Monthly.	Yearly.	
2	0	2	2	646	642	644		None.
2	0	2	2	649	643	646		"
2	0	2	2	649	631	640		"
2	0	2	2	673	649	661		"
2	0	2	2	680	674	677		"
2	0	3	2	650	647	649		"
2	0	2	2	661	604	632		"
2	0	2	2	685	638	662		"
2	0	2	2	696	686	691		"
2	0	2	2	679	678	679		"
2	0	2	2	687	680	683		"
2	0	2	2	669	663	666	661	"
4	0	4	4	559	543	549		None.
4	0	4	4	568	534	559		"
5	0	5	5	570	546	559		"
4	0	4	4	567	529	547		"
5	0	4	5	567	549	560		"
4	1	5	4	585	523	550		"
4	0	4	4	552	485	524		485
4	1	4	4	546	527	536		None.
4	1	4	4	551	524	537		"
4	1	4	4	541	526	531		"
4	2	4	4	548	530	540		"
4	2	4	4	547	504	531	544	504
12	0	23	23	557	525	537		None.
12	0	26	26	550	524	535		"
15	0	24	24	560	535	546		"
12	0	25	25	556	523	539		"
12	0	26	26	555	523	536		"
15	0	25	25	554	522	535		"
12	0	25	25	567	526	539		"
12	0	25	25	567	521	534		"
25	0	25	25	548	521	535		"
26	0	26	26	550	522	533		"
23	0	23	23	552	523	532		"
27	0	27	27	554	520	534	536	"
4	0	4	4	607	574	593		None.
4	0	4	4	611	553	590		"
5	0	5	5	601	555	577		"
4	0	4	4	583	548	566		"
5	0	4	5	604	557	578		"
4	0	5	4	603	573	588		"
4	0	4	4	615	544	580		"
4	0	4	4	570	524	548		"
4	0	4	4	567	529	550		"
4	0	4	4	571	542	560		"
4	0	4	4	610	543	579		"
4	0	4	4	559	554	556	572	"



8 GEORGE V, A. 1918

STATEMENT of the Coal and Water Gas Companies registered and  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number
				Prescribed.
Peterboro, Ont..... Peterboro Light & Power Co., to June 1916, since then, The Hydro-Electric Power Commission of Ontario.	Carburetted Water Gas... " " " " " " " " " " " " " "	2,067	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1916.. Jan., 1917.. Feb., 1917.. Mar., 1917..	4 4 5 4 4 5 4 4 4 4 4 4 4 4
Fort Hope, Ont..... Port Hope Gas Co.	Coal Gas..... " " " " " " " " " " " "	415	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1916.. Jan., 1917.. Feb., 1917.. Mar., 1917..	2 2 2 2 2 3 2 2 2 2 2 2
Quebec, P.Q..... Quebec Ry. Lt. & Pr. Co.	Carburetted Water Gas... " " " " " " " " " " "	6,035	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1916.. Jan., 1917.. Feb., 1917.. Mar., 1917..	8 8 10 8 8 10 8 12 12 12 12 12
St. Hyacinthe, P.Q..... La Cie. du Gaz Electricité et Pouvoir.	Carburetted Water Gas... " " " " " " " " " " "	555	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1916.. Jan., 1917.. Feb., 1917.. Mar., 1917..	2 2 2 2 2 3 2 2 2 2 2 2



SESSIONAL PAPER No. 13

the Calorimetric and Sulphuretted Hydrogen Tests made during  
March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests. Made.	Times found present.	Number of Tests.		Highest B.T.U.	Lowest B.T.U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
4	1	4	4	556	537	547		None.
4	1	4	4	567	559	563		"
5	1	5	5	568	559	563		"
4	0	4	4	576	561	568		"
5	0	4	5	583	568	575		"
4	0	5	4	568	561	565		"
4	1	4	4	560	549	555		"
4	0	4	4	562	548	553		"
4	1	4	4	552	551	552		"
4	0	4	4	547	541	544		"
4	0	4	4	550	543	545		"
4	1	4	4	550	539	547	556	"
2	0	2	2	653	621	637		None.
2	0	2	2	641	609	625		"
2	0	2	2	658	655	657		"
2	0	2	2	626	623	625		"
3	0	2	3	642	573	558		"
2	0	3	2	650	645	648		"
2	0	2	2	643	640	642		"
2	0	2	2	650	582	616		"
2	0	2	2	652	622	637		"
2	0	2	2	630	598	614		"
2	0	2	2	591	582	587		"
2	0	2	2	662	644	653	625	"
8	0	12	12	587	551	577		None.
9	0	12	14	586	544	572		"
9	0	15	13	572	548	563		"
8	0	12	12	579	530	565		"
9	0	12	14	586	549	567		"
9	0	15	13	576	541	565		"
9	0	12	13	591	554	576		"
8	0	12	12	588	559	573		"
9	0	12	13	592	560	581		"
12	0	12	12	591	556	577		"
12	0	12	12	596	553	568		"
12	0	12	12	595	564	581	572	"
2	1	2	2	612	546	579		None.
2	2	2	2	584	570	577		"
2	2	2	2	525	522	523		"
2	1	2	2	541	464	503		464
2	1	2	2	527	520	524		None.
2	0	3	2	530	525	528		"
2	2	2	2	523	520	521		"
2	1	2	2	522	520	521		"
2	0	2	2	540	520	530		"
2	0	2	2	540	520	530		"
2	0	2	2	523	521	522		"
2	0	2	2	534	521	527	532	"



8 GEORGE V, A. 1918

STATEMENT of the Coal and Water Gas Companies registered and  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number Prescribed.
St. John, N.B..... St. John Ry. Co.	Coal Gas..... " " " " " " " " " " " " "	1,784	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1916.. Jan., 1917.. Feb., 1917.. Mar., 1917..	4 4 5 4 4 5 4 4 4 4 4 4 4
St. Thomas, Ont..... Corporation of St. Thomas.	Coal Gas..... " " " " " " " " " " "	3,236	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1917.. Jan., 1917.. Feb., 1917.. Mar., 1917..	4 4 5 4 4 5 4 8 8 8 8 8
Sherbrooke, P.Q..... Corporation of Sherbrooke.	Carburetted Water Gas... " " " " " " " " " " "	974	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1916.. Jan., 1917.. Feb., 1917.. Mar., 1917..	2 2 2 2 2 3 2 2 2 2 2 2
Sorel, P.Q..... Corporation of Sorel.	Coal Gas.....	215		
Stratford, Ont..... Stratford Gas Co.	Coal Gas and Carburetted Water Gas. " " " " " " " " " "	1,341	Apr., 1916.. May, 1916.. June, 1916.. July, 1916.. Aug., 1916.. Sept., 1916.. Oct., 1916.. Nov., 1916.. Dec., 1916.. Jan., 1917.. Feb., 1917.. Mar., 1917..	4 4 5 4 4 5 4 4 4 4 4 4



## SESSIONAL PAPER No. 13

the Calorimetric and Sulphuretted Hydrogen Tests made during March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests. Made.	Times found present.	Number of Tests.		Highest B.T.U.	Lowest B.T.U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
4	0	4	4	596	576	591		None.
4	0	4	4	603	591	598		"
4	0	5	4	588	563	573		"
4	0	4	4	572	556	562		"
4	0	4	4	592	581	587		"
4	0	5	4	597	583	589		"
4	0	4	4	595	587	591		"
4	0	4	4	605	590	596		"
4	0	4	4	607	569	586		"
4	0	4	4	604	592	600		"
4	0	4	4	623	592	602		"
4	0	4	4	619	574	599	590	"
8	0	8	8	650	610	628		None.
8	0	8	8	660	616	640		"
8	0	10	8	658	622	643		"
10	0	8	10	655	613	635		"
8	0	8	8	655	635	644		"
10	0	10	10	680	636	654		"
8	0	8	8	666	594	621		"
8	0	8	8	634	563	601		"
8	0	8	8	629	599	616		"
8	0	8	8	631	573	603		"
8	0	8	8	642	577	605		"
8	0	8	8	608	538	582	623	"
2	2	2	2	637	618	628		None.
2	2	2	2	702	681	692		"
2	2	2	2	643	604	623		"
2	2	2	2	596	530	563		"
2	2	2	2	673	664	668		"
2	2	3	2	673	613	643		"
2	2	2	2	754	673	714		"
2	2	2	2	799	619	709		"
2	0	2	10	598	561	577		"
2	0	2	4	584	548	566		"
2	0	2	4	549	540	544		"
2	1	2	4	584	542	563	624	"

Testing apparatus not yet installed.

4	0	4	4	650	570	602		None.
4	0	4	4	613	571	596		"
4	0	5	4	581	567	575		"
5	0	4	5	645	560	599		"
4	0	4	4	636	560	603		"
5	0	5	5	611	526	585		"
4	0	4	4	632	559	599		"
4	0	4	4	586	511	550		511
4	0	4	4	621	570	591		None.
4	0	4	4	608	536	571		"
4	0	4	4	565	535	546		"
4	0	4	4	592	534	566	582	"



8 GEORGE V, A. 1918

STATEMENT of the Coal and Water Gas Companies registered and  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number
				Prescribed.
Toronto, Ont..... Consumers Gas Co.	Coal Gas and Carburetted Water Gas.	104,235	Apr., 1916..	12
	"		May, 1916..	12
	"		June, 1916..	15
	"		July, 1916..	12
	"		Aug., 1916..	12
	"		Sept., 1916..	15
	"		Oct., 1916..	12
	"		Nov., 1916..	26
	"		Dec., 1916..	25
	"		Jan., 1917..	26
	"		Feb., 1917..	24
	"		Mar., 1917..	27
Vancouver, B.C..... Vancouver Gas Co.	Coal Gas and Carburetted Water Gas.	16,827	Apr., 1916..	12
	"		May, 1916..	12
	"		June, 1916..	15
	"		July, 1916..	12
	"		Aug., 1916..	12
	"		Sept., 1916..	15
	"		Oct., 1916..	12
	"		Nov., 1916..	25
	"		Dec., 1916..	25
	"		Jan., 1917..	26
	"		Feb., 1917..	24
	"		Mar., 1917..	27
Victoria, B.C..... Victoria Gas Co.	Coal Gas.....	3,247	Apr., 1916..	4
	"		May, 1916..	4
	"		June, 1916..	5
	"		July, 1916..	4
	"		Aug., 1916..	4
	"		Sept., 1916..	5
	"		Oct., 1916..	4
	"		Nov., 1916..	8
	"		Dec., 1916..	8
	"		Jan., 1917..	8
	"		Feb., 1917..	8
	"		Mar., 1917..	8
Waterloo, Ont..... Corporation of Waterloo.	Carburetted Water Gas...	733	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2



SESSIONAL PAPER No. 13

he Calorimetric and Sulphuretted Hydrogen Tests made during  
March 31, 1917.

Tests (No trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
f Tests. Made.	Time found present.	Number of Tests.		Highest B. T. U.	Lowest B. T. U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
15	0	24	24	580	546	559		None.
12	0	26	26	580	527	562		"
15	0	25	25	586	561	566		"
12	0	25	25	581	547	565		"
12	0	26	26	591	542	559		"
15	0	25	25	570	542	559		"
12	0	25	25	559	536	548		"
22	0	26	26	564	542	553		"
25	0	25	25	561	542	552		"
26	0	26	26	559	532	541		"
24	0	24	24	549	530	538		"
27	0	27	27	562	530	546	554	"
12	0	23	23	576	513	535		513
12	0	26	26	555	522	539		None.
15	0	25	25	576	521	538		"
12	0	25	25	561	517	538		517 518
12	0	27	27	553	521	539		None.
15	0	25	25	555	502	533		502
12	0	25	25	555	511	539		511
21	0	25	25	551	520	533		None.
25	0	25	25	546	520	532		"
26	0	26	26	544	520	531		"
24	0	24	24	560	513	529		513 519
27	0	27	27	552	522	535	535	None.
4	0	8	8	594	532	556		None.
4	0	8	8	553	527	539		"
4	0	10	9	571	529	547		"
4	0	8	9	560	537	548		"
4	0	8	8	545	521	531		"
4	0	10	8	537	520	529		"
4	0	8	8	550	520	529		"
8	0	8	8	563	528	549		"
8	0	8	8	561	521	544		"
8	0	8	8	552	531	540		"
8	0	8	8	551	530	541		"
8	0	8	8	530	521	526	540	"
2	0	2	2	583	541	562		None.
3	0	2	2	560	526	543		"
2	0	2	2	593	543	568		"
3	0	2	2	604	556	580		"
2	0	2	2	548	520	534		"
3	0	3	3	549	528	541		"
2	0	2	2	617	573	595		"
2	0	2	2	531	526	529		"
2	0	2	2	545	536	541		"
2	0	2	2	527	525	526		"
2	0	2	2	528	528	528		"
2	0	2	2	551	533	542	549	"



STATEMENT of the Coal and Water Gas Companies registered and  
the Fiscal Year ended

Place and Company.	Kind of Gas.	Number of Meters.	Sulphuretted Hydrogen per	
			Month.	Number
				Prescribed.
Winnipeg, Man..... Winnipeg Electric Ry. Co.	Coal Gas.	19,304	Apr., 1916..	12
	"		May, 1916..	12
	"		June, 1916..	15
	"		July, 1916..	12
	"		Aug., 1916..	12
	"		Sept., 1916..	15
	"		Oct., 1916..	12
	"		Nov., 1916..	25
	"		Dec., 1916..	25
	"		Jan., 1917..	26
	"		Feb., 1917..	24
	"		Mar., 1917..	27
Yarmouth, N.S..... Yarmouth Fuel Gas Co.	Coal Gas.	291	Apr., 1916..	2
	"		May, 1916..	2
	"		June, 1916..	2
	"		July, 1916..	2
	"		Aug., 1916..	2
	"		Sept., 1916..	3
	"		Oct., 1916..	2
	"		Nov., 1916..	2
	"		Dec., 1916..	2
	"		Jan., 1917..	2
	"		Feb., 1917..	2
	"		Mar., 1917..	2

ORMOND HIGMAN,  
Chief Engineer.

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.



SESSIONAL PAPER No. 13

the Calorimetric and Sulphuretted Hydrogen Tests made during  
March 31, 1917.

Tests (No Trace mitted.)		Calorimetric Values—(Standard 520 British Thermal Units.)						
of Tests Made.	Times found present.	Number of Tests.		Highest B. T. U.	Lowest B. T. U.	Average B.T.U.		Readings below Standard.
		Prescribed.	Made.			Monthly.	Yearly.	
12	0	23	23	578	542	56		None.
15	0	26	26	572	526	550		"
12	0	25	25	582	521	543		"
15	0	25	25	565	517	540		517
12	1	26	28	592	525	544		None.
12	0	25	25	563	520	539		"
15	0	25	25	588	523	549		"
12	0	25	25	565	525	544		"
15	0	25	29	581	521	542		"
14	0	26	29	571	520	542		"
12	0	24	24	548	526	531		"
13	0	27	27	572	528	554	545	"
2	0	2	2	596	591	594		None.
2	0	2	2	571	541	556		"
3	0	2	2	544	523	534		"
2	1	2	3	569	532	546		"
2	0	2	2	620	607	614		"
2	0	3	2	562	523	543		"
2	0	2	2	556	532	544		"
2	1	2	2	591	524	558		"
2	0	2	2	601	576	588		"
2	0	2	2	660	645	652		"
2	0	2	2	670	659	665		"
2	0	2	2	662	641	652	587	"

J. U. VINCENT,  
Deputy Minister.



APPENDIX

STATEMENT of Gas Meters tested during

District.	10 Light Tin and No. 1 Iron Meters.					11 to 50 Light Tin and No. 2 Iron Meters.					No. 3 Iron Meters.				
	Verified as within legal limits.			Rejected.		Verified as within legal limits.			Reject-ed.		Verified as within legal limits.			Reject-ed.	
	Correct.	Not over 2% fast.	Not over 3% slow	Over 2% Fast.	Over 3% slow.	Correct.	Not over 2% fast.	Not over 3% slow	Over 2% fast.	Over 3% slow.	Correct.	Not over 2% fast.	Not over 3% slow	Over 2% fast.	Over 3% slow.
Belleville.....	417	318	967	8	17	6	5	14	0	0	0	0	0	0	0
Calgary.....	124	86	1,037	28	4	1	4	19	5	1	2	0	0	1	0
Charlottetown....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halifax.....	184	88	189	0	0	12	8	8	0	0	0	0	0	0	0
Hamilton.....	3,258	601	3,678	0	1	66	15	80	0	0	4	0	8	0	0
London.....	2,132	1,053	4,517	34	30	18	17	65	3	2	8	2	17	0	0
Montreal.....	6,026	5,110	8,347	142	158	54	35	81	0	0	0	0	0	0	0
Ottawa.....	592	834	1,407	0	0	4	21	14	0	0	0	0	0	0	0
Quebec.....	474	72	416	0	0	2	2	5	0	0	0	0	0	0	0
St. Hyacinthe....	13	3	16	0	2	0	0	0	0	0	0	0	0	0	0
St. John.....	427	19	269	1	0	4	1	6	1	0	2	0	2	0	0
Sherbrooke.....	89	55	76	0	0	0	1	2	0	0	0	0	0	0	0
Toronto.....	9,035	2,451	9,306	73	84	215	34	220	1	2	0	0	0	0	0
Vancouver.....	809	859	737	3	1	16	16	39	0	1	0	0	0	0	0
Victoria.....	241	260	223	0	2	15	18	20	0	0	0	0	0	0	0
Winnipeg.....	1,768	572	833	6	4	10	5	2	1	0	0	0	0	0	0
Totals.....	25,589	12,381	32,018	295	303	423	182	575	11	6	16	2	27	1	0

ORMOND HIGMAN,  
Chief Engineer.

DEPARTMENT OF INLAND REVENUE,  
OTTAWA, July 2, 1917.



SESSIONAL PAPER No. 13

F.

the Fiscal Year ended March 31, 1917.

51 to 100 Light Tin Meters.					Larger Tin Meters.					Larger Iron Meters.					Totals.
Verified as within legal limits.			Rejected.		Verified as within legal limits.			Rejected.		Verified as within legal limits.			Rejected.		
Correct.	Not over 2% fast.	Not over 3% slow	Over 2% fast.	Over 3% slow.	Correct.	Not over 2% fast.	Not over 3% slow	Over 2% fast.	Over 3% slow.	Correct.	Not over 2% fast.	Not over 3% slow	Over 2% fast.	Over 3% slow.	
0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1,757
0	0	0	0	0	0	0	0	0	0	0	1	16	0	0	1,329
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	489
5	2	8	0	0	0	0	0	0	0	18	2	22	0	0	7,768
4	2	7	0	5	0	0	0	0	0	14	10	66	1	4	8,011
23	36	20	0	0	0	0	0	0	0	0	0	0	0	0	20,032
0	6	6	0	0	0	1	0	0	0	0	0	0	0	0	2,885
0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	973
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	732
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
14	8	23	1	0	10	0	6	0	0	0	0	0	0	0	21,483
0	2	5	0	0	0	0	1	0	0	0	0	0	0	0	2,489
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	779
1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3,203
47	59	72	1	5	11	2	7	0	0	32	13	104	1	4	72,187

J. U. VINCENT,  
Deputy Minister.



STATEMENT of Natural Gas Companies registered during the Fiscal Year ended  
March 31, 1917.

Location.	Name.	Num- ber of Meters.
Brantford, Ont.....	Brantford Gas Co.....	5,011
Brooks, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co.....	68
Cainsville, Ont.....	Standard Natural Gas Co.....	83
Caledonia, Ont.....	Port Colborne-Welland Natural Gas & Oil Co.....	442
Calgary, Alta.....	Calgary Gas Co.....	6,689
Castor, Alta.....	Corporation of Castor.....	45
Chatham, Ont.....	Chatham Gas Co.....	3034
Claresholm, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co.....	124
Ford, Ont.....	Windsor Gas Co.....	331
Galt, Ont.....	Dominion Natural Gas Co.....	1868
Granum, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co.....	83
Hamilton, Ont.....	Manufacturers Natural Gas Co.....	22
Hamilton, Ont.....	United Gas & Fuel Co.....	17,304
Hillsboro, N.B.....	Moncton Tramways Electricity & Gas Co.....	233
Ingersoll, Ont.....	Ingersoll Gas Light Co.....	967
Lethbridge, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co.....	502
MacLeod, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co.....	155
Medicine Hat, Alta.....	Corporation of Medicine Hat.....	2456
Moncton, N.B.....	Moncton Tramways Electricity & Gas Co.....	2240
Nanton, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co.....	110
Okotoks, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co.....	98
Port Colborne, Ont.....	Sterling Gas Co.....	945
Redcliff, Alta.....	Redcliff Light & Power Co.....	275
Ridgeway, Ont.....	Bertie Natural Gas Co.....	175
Rose Hill, Ont.....	Rose Hill Natural Gas Co.....	38
St. Catharines, Ont.....	Corporation of St. Catharines.....	467
Sandwich, Ont.....	Windsor Gas Co.....	429
Sarnia, Ont.....	Sarnia Gas & Electric Light Co.....	3094
Suffield, Alta.....	Southern Alberta Gas Co.....	50
Walkerville, Ont.....	Windsor Gas Co.....	1184
Windsor, Ont.....	Windsor Gas Co.....	5320
Woodstock, Ont.....	Woodstock Gas Light Co.....	1855

ORMOND HIGMAN,  
Chief Engineer.

J. U. VINCENT,  
Deputy Minister.

INLAND REVENUE DEPARTMEENT,  
OTTAWA, July 2, 1917.



SESSIONAL PAPER No. 13

**APPENDIX G.**

STATEMENT of Electric Light Expenditures and Revenues for the fiscal year ended March 31, 1917.

Districts.	Inspectors.	EXPENDITURES.						Revenues.
		Salaries.	Special Assist- ance.	Rent.	Travel- ling Expenses.	Sun- dries.	Total.	
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Belleville....	Fraser, H.....	1,499 88	1,035 96	.....	287 90	49 41	2,873 15	2,216 40
Fort William....	Little, E.....	1,399 92	30 00	.....	220 60	105 93	1,756 45	979 50
Hamilton.....	Lutz, H.....	.....	.....	.....	462 00	.....	462 00	4,499 70
London.....	Nash, A. F.....	.....	249 99	.....	533 55	45 48	829 02	6,523 95
Ottawa.....	Kinsman, A. E....	.....	.....	.....	224 00	.....	224 00	4,568 20
Sudbury.....	Bonskill, L. H....	115 58	497 29	.....	1,098 11	54 18	1,765 16	1,558 20
Toronto.....	Stiver, J. L.....	.....	.....	.....	741 80	42 10	783 90	11,363 40
Special.....	Kinsman, E. A....	750 00	.....	.....	.....	.....	750 00	.....
	<i>Ontario.....</i>	<i>3,765 38</i>	<i>1,813 24</i>	<i>.....</i>	<i>3,567 96</i>	<i>297 10</i>	<i>9,443 68</i>	<i>31,709 35</i>
Montreal.....	Aubin, A.....	.....	2,273 79	.....	337 40	64 79	2,675 98	13,675 15
Quebec.....	Cantin, J. A.....	.....	2,154 94	611 25	449 65	183 46	3,399 30	2,489 05
Sherbrooke.....	Simpson, A. F....	.....	.....	.....	182 05	45 80	227 85	903 35
St. Hyacinthe...	Aubin, A., Act'g..	.....	.....	.....	.....	.....	.....	927 40
Three Rivers..	Oliver, A.....	499 92	.....	180 00	285 80	12 85	978 57	862 15
	<i>Quebec.....</i>	<i>499 92</i>	<i>4,428 73</i>	<i>791 25</i>	<i>1,254 90</i>	<i>306 90</i>	<i>7,281 70</i>	<i>18,857 10</i>
St. John, N.B...	Wilson, J. E.....	.....	12 00	.....	298 68	44 33	355 01	1,848 15
Halifax, N. S...	Toale, John.....	.....	60 00	.....	997 20	272 97	1,330 17	2,053 65
Charlottetown, P.E.I.....	Bell, J. H.....	.....	60 00	.....	70 30	17 46	147 76	198 00
Winnipeg, Man..	Hamilton, R.....	.....	.....	533 10	185 10	123 10	841 30	2,887 90
Regina, Sask....	Hunter, W, M....	2,300 06	.....	.....	1,146 70	171 40	3,618 16	2,019 80
Calgary.....	Kyle, W. P.....	1,500 00	514 98	.....	277 60	110 70	2,403 28	1,926 70
Edmonton.....	Cantin, A. J.....	1,299 96	.....	.....	282 45	117 80	1,700 21	885 90
	<i>Alberta.....</i>	<i>2,799 96</i>	<i>514 98</i>	<i>.....</i>	<i>560 05</i>	<i>228 50</i>	<i>4,103 79</i>	<i>2,812 60</i>
Vancouver.....	Stott, John.....	7,077 38	900 00	.....	369 90	205 62	8,552 90	6,793 15
Victoria.....	Dresser, F.....	.....	44 00	.....	150 10	111 59	305 69	1,935 90
	<i>British Columbia</i>	<i>7,077 38</i>	<i>944 00</i>	<i>.....</i>	<i>520 00</i>	<i>317 21</i>	<i>8,858 59</i>	<i>8,729 05</i>
Dawson, Yukon.	Stingle, J. W.....	499 92	.....	.....	.....	.....	499 92	.....
Chief Electrical Engineer.....	.....	.....	.....	.....	224 45	350 15	574 60	.....
Inspector of Eastern Division.....	.....	.....	.....	.....	.....	.....	.....	.....
Inspector of Western Division.....	.....	2,599 92	.....	.....	359 85	242 17	3,201 94	.....
Total for Inspectors.....	.....	19,542 54	7,832 95	1,324 35	9,185 19	2,371 29	40,256 32	71,115 60



APPENDIX G—*Concluded.*

STATEMENT of Electric Light Expenditures and Revenues for the fiscal year ended March 31, 1917—*Concluded.*

	EXPENDITURES.						Revenues.
	Salaries.	Special Assist- ance.	Rent.	Travel- ling Expenses.	Sun- dries.	Total.	
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
General Contingencies.....					3,657 72	3,657 72	
Printing.....					236 56	236 56	
Stationery.....					45 80	45 80	
International Electro-Technical Commission.....							
Provisional Allowance.....					2,286 44	2,286 44	
Export of Electric Power.....							250 00
Electric Laboratory.....							101 58
Grand Totals.....	19,542 54	7,832 95	1,324 35	9,185 19	8,597 81	46,482 84	71,467 18

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.

J. U. VINCENT,  
*Deputy Minister.*



SESSIONAL PAPER No. 13

APPENDIX H.



APPENDIX

STATEMENT of Electric Meters tested during

District.	Class 1 Meters (2 wire, 1 to 250 volts.)					Class 2 Meters (3 wire & polyphase, 1 to 250 volts.)				
	Verified as within legal limits.			Rejected.		Verified as within legal limits.			Rejected.	
	Correct.	Not over 3% fast.	Not over 3% slow	Over 3% fast.	Over 3% slow.	Correct.	Not over 3% fast.	Not over 3% slow	Over 3% fast.	Over 3% slow.
Belleville.....	525	1,803	681	0	0	112	285	89	0	0
Calgary.....	1,404	1,289	141	3	40	134	108	8	1	3
Charlottetown.....	127	82	75	1	5	17	7	8	0	0
Edmonton.....	543	759	36	0	1	46	52	8	0	0
Ft. William.....	155	1,038	290	1	1	13	45	46	0	0
Halifax.....	1,521	1,396	242	16	9	92	60	18	0	1
Hamilton.....	4,618	927	752	0	0	549	63	126	0	0
London.....	4,069	2,882	2,420	1	0	297	338	264	0	0
Montreal.....	6,964	11,314	3,939	0	2	4	1	0	0	0
Ottawa.....	1,142	3,838	2,227	0	0	14	72	39	1	0
Quebec.....	2,917	567	452	0	2	3	0	14	0	0
Regina.....	507	2,148	598	5	5	9	55	15	1	0
St. John.....	1,220	831	872	5	6	39	23	45	0	2
St. Hyacinthe.....	1,023	235	216	0	0	9	0	1	0	0
Sherbrooke.....	426	372	608	0	0	1	4	2	0	0
Sudbury.....	466	1,328	616	2	5	29	62	19	0	2
Three Rivers.....	1,132	92	76	4	0	14	1	0	0	0
Toronto.....	8,238	5,158	1,878	6	19	1,189	457	50	6	2
Vancouver.....	3,538	5,223	1,824	5	4	97	216	69	0	1
Victoria.....	1,413	1,165	468	1	2	36	34	16	0	0
Winnipeg.....	1,760	1,811	301	0	2	181	186	31	0	0
Yukon.....	0	0	0	0	0	0	0	0	0	0
Totals.....	43,708	44,258	18,712	50	103	2,885	2,069	868	9	11

ORMOND HIGMAN,  
Chief Engineer.  
INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.



SESSIONAL PAPER No. 13

H.

the Fiscal Year ended March 31, 1917.

Class 3 Meters (251 to 650 volts).					Class 4 Meters (over 650 volts.)					Totals.
Verified as within legal limits.			Rejected.		Verified as within legal limits.			Rejected.		
Correct.	Not over 3% fast.	Not over 3% slow	Over 3% fast.	Over 3% slow.	Correct.	Not over 3% fast.	Not over 3% slow	Over 3% fast.	Over 3% slow.	
3	21	7	0	0	0	0	0	0	0	3,526
2	1	1	0	0	0	0	0	0	0	3,135
0	0	0	0	0	0	0	0	0	0	322
0	2	0	0	0	0	0	0	0	0	1,447
0	2	3	0	0	0	0	0	0	0	1,594
3	7	0	0	0	0	0	0	0	0	3,365
74	9	29	0	0	0	0	0	0	0	7,147
45	72	34	0	0	0	0	0	0	0	10,422
32	46	148	0	0	0	0	0	0	0	22,450
10	56	29	0	0	0	0	0	0	0	7,428
57	13	5	0	0	0	0	0	0	0	4,030
10	0	0	0	0	0	0	0	0	0	3,343
1	0	3	0	0	0	0	0	0	0	3,047
9	8	2	0	0	0	1	0	0	0	1504
4	2	7	0	0	4	3	0	0	0	1,433
1	8	7	0	0	0	0	0	0	0	2,545
42	1	2	0	0	0	0	0	0	0	1,364
441	108	44	4	1	0	0	0	0	0	17,601
24	46	29	0	0	0	0	0	0	0	11,076
7	11	10	0	0	0	0	0	0	0	3,163
56	99	20	1	0	0	0	0	0	0	4,448
0	0	0	0	0	0	0	0	0	0	0
811	512	380	5	1	4	4	0	0	0	114,390

J. U. VINCENT,  
Deputy Minister.



APPENDIX I.

STATEMENT showing the amount of Electrical Energy, Gas or Fluid generated or produced for export and for consumption in Canada, under the authority of the Electricity and Fluid Exportation Act, for the year ending March 31, 1917.

Name of Contractor and Place of Business.	Month.	Units Produced for export.		Units Produced for use in Canada.		Total Output of Generating Station or other Source.	
		K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.
Canadian Niagara Power Company, Niagara Falls, Ont.	April.....	32,154,705	4,920·0	1,084,295	166·0	33,239,000	5,086·0
	May.....	35,748,225	5,470·0	843,775	129·0	36,592,000	5,599·0
	June.....	34,354,972	5,257·0	977,028	150·0	35,332,000	5,407·0
	July.....	32,862,444	5,029·0	2,046,556	313·0	34,909,000	5,342·0
	August.....	28,422,608	4,349·0	9,268,392	1,418·0	37,691,000	5,767·0
	September..	26,059,060	3,988·0	15,382,940	2,354·0	41,442,000	6,342·0
	October.....	27,477,534	4,205·0	17,132,466	2,621·0	44,610,000	6,826·0
	November..	24,907,855	3,811·0	21,782,145	3,333·0	46,690,000	7,144·0
	December..	21,445,908	3,282·0	24,891,092	3,809·0	46,337,000	7,091·0
	January...	17,431,343	2,667·0	24,793,657	3,794·0	42,225,000	6,461·0
	February...	12,937,005	1,980·0	21,193,995	3,243·0	34,131,000	5,223·0
	March.....	21,425,820	3,279·0	25,974,180	3,975·0	47,400,000	7,254·0
	Totals..	315,227,479	48,237·0	165,370,521	25,305·0	480,598,000	73,542·0
Toronto Power Company, Niagara Falls, Ont.	April.....	6,306,000	965·0	38,044,300	5,822·0	44,350,300	6,787·0
	May.....	5,937,000	908·0	41,932,000	6,417·0	47,869,000	7,325·0
	June.....	5,767,000	882·0	45,721,500	6,996·0	51,488,500	7,878·0
	July.....	6,402,000	979·0	44,538,800	6,815·0	50,940,800	7,794·0
	August.....	11,782,000	1,803·0	45,684,800	6,991·0	57,466,800	8,794·0
	September..	13,059,000	1,998·0	48,364,200	7,401·0	61,423,200	9,399·0
	October.....	13,164,100	2,011·0	51,809,200	7,926·0	64,973,300	9,937·0
	November..	11,286,400	1,727·0	52,284,500	8,001·0	63,570,900	9,728·0
	December..	11,560,700	1,769·0	52,441,800	8,025·0	64,002,500	9,794·0
	January.....	11,666,700	1,785·0	56,114,400	8,587·0	67,781,100	10,372·0
	February...	10,330,100	1,587·0	51,281,400	7,847·0	61,611,500	9,434·0
	March.....	11,095,500	1,697·0	56,480,900	8,643·0	67,576,400	10,340·0
	Totals..	118,356,500	18,111·0	584,697,800	89,471·0	703,054,300	107,582·0
Ontario Power Company, Niagara Falls, Ont.	April.....	14,763,420	2,259·0	59,747,380	9,143·0	74,510,800	11,402·0
	May.....	19,261,160	2,947·0	61,430,740	9,400·0	80,691,900	12,347·0
	June.....	23,476,040	3,592·0	56,541,460	8,652·0	80,017,500	12,244·0
	July.....	25,066,300	3,836·0	53,266,200	8,151·0	78,332,500	11,987·0
	August.....	29,008,240	4,439·0	49,609,560	7,591·0	78,617,800	12,030·0
	September..	32,470,540	4,969·0	45,602,960	6,978·0	78,073,500	11,947·0
	October.....	31,953,520	4,890·0	52,754,480	8,073·0	84,708,000	12,963·0
	November..	31,334,440	4,795·0	52,007,760	7,958·0	83,342,200	12,753·0
	December..	32,569,180	4,984·0	52,453,920	8,027·0	85,023,100	13,011·0
	January.....	31,631,400	4,840·0	52,713,000	8,066·0	84,344,400	12,906·0
	February...	27,021,700	4,135·0	47,839,900	7,321·0	74,861,600	11,456·0
	March.....	29,886,100	4,573·0	54,589,800	8,353·0	84,475,900	12,926·0
	Totals..	328,442,040	50,259·0	638,557,160	97,713·0	966,999,200	147,972·0



SESSIONAL PAPER No. 13

## APPENDIX I.—Continued.

STATEMENT showing the amount of Electrical Energy, Gas, or Fluid generated or produced for export and for consumption in Canada, under the authority of the Electricity and Fluid Exportation Act, for the year ending March 31, 1917.

Name of Contractor and Place of Business.	Month.	Units Produced for export.		Units Produced for use in Canada.		Total Output of Generating Station or other Source.	
		K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.
Ontario and Minnesota Power Co.....	April.....	1,151,030	176.1	957,260	146.5	2,108,290	322.6
	May.....	1,059,590	162.1	900,950	137.9	1,960,540	300.0
	June.....	888,660	136.0	783,750	119.9	1,672,410	255.9
	July.....	1,314,750	201.2	890,310	136.2	2,205,060	337.4
	August.....	1,811,350	277.2	1,083,970	165.5	2,895,320	442.7
	September..	1,561,760	239.0	957,470	146.5	2,519,230	385.5
	October.....	1,784,470	273.1	1,086,210	166.2	2,870,680	439.3
	November..	1,500,358	229.6	961,054	147.0	2,461,412	376.6
	December..	1,460,749	223.5	882,071	135.0	2,342,820	358.5
	January.....	1,620,705	248.0	973,699	149.0	2,594,404	397.0
	February...	1,433,540	219.4	848,760	129.9	2,282,300	349.3
	March.....	986,022	150.9	762,650	116.7	1,748,672	267.6
	Totals..	16,572,984	2,536.1	11,088,154	1,696.3	27,661,138	4,232.4
Western Canada Power Company, Vancouver, B.C.	April.....	604,400	92.0	4,791,360	735.0	5,395,760	827.0
	May.....	709,240	109.0	5,002,380	765.0	5,711,620	874.0
	June.....	1,248,174	191.0	5,282,046	808.0	6,530,220	999.0
	July.....	1,367,514	209.0	5,548,766	849.0	6,916,280	1,058.0
	August.....	1,638,422	251.0	5,278,778	808.0	6,917,200	1,059.0
	September..	1,887,510	289.0	5,074,220	776.0	6,961,730	1,065.0
	October.....	714,100	109.0	8,325,020	1,274.0	9,039,120	1,383.0
	November..	830,000	127.0	8,761,720	1,341.0	9,591,720	1,468.0
	December..	870,260	133.0	8,549,220	1,308.0	9,419,480	1,441.0
	January.....	589,100	90.0	8,690,270	1,330.0	9,279,370	1,420.0
	February...	986,600	151.0	7,506,980	1,147.0	8,493,580	1,298.0
	March.....	2,247,500	344.0	5,985,450	916.0	8,232,950	1,260.0
	Totals..	13,692,820	2,095.0	78,796,210	12,057.0	92,489,030	14,152.0
British Columbia Electric Railway Co., Vancouver, B.C.	April.....	19,026	3.0	5,569,874	852.0	5,588,900	855.0
	May.....	18,831	3.0	5,478,469	838.0	5,497,300	841.0
	June.....	16,214	2.0	5,167,686	791.0	5,183,900	793.0
	July.....	22,068	3.0	5,119,882	783.0	5,141,950	786.0
	August.....	19,437	3.0	5,743,963	879.0	5,763,400	882.0
	September..	22,668	3.0	6,432,897	984.0	6,455,565	987.0
	October.....	29,602	5.0	4,102,098	628.0	4,131,700	633.0
	November..	31,067	5.0	4,426,833	678.0	4,457,900	683.0
	December..	36,491	5.0	3,955,109	605.0	3,991,600	610.0
	January.....	31,780	5.0	4,143,720	634.0	4,175,500	639.0
	February...	25,447	4.0	4,096,753	627.0	4,122,200	631.0
	March.....	23,559	4.0	6,637,341	1,016.0	6,660,900	1,020.0
	Totals..	296,190	45.0	60,874,625	9,315.0	61,170,815	9,360.0



APPENDIX I.—Continued.

STATEMENT showing amount of Electrical Energy, Gas, or Fluid generated or produced for export and for consumption in Canada, under the authority of the Electricity and Fluid Exportation Act, for the year ending March 31, 1917.

Name of Contractor and Place of Business.	Month.	Units Produced for export.		Units Produced for use in Canada.		Total Output of Generating Station or other Source.	
		K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.
Maine and New Brunswick Electrical Power Company, Aroostook Falls, N.B.....	April .....	228,949	35·0	22,151	3·0	251,100	38·0
	May.....	230,405	35·0	18,995	3·0	249,400	38·0
	June.....	233,375	36·0	19,925	3·0	253,300	39·0
	July.....	231,791	35·0	18,309	3·0	250,100	38·0
	August.....	257,567	40·0	16,333	2·0	273,900	42·0
	September..	304,114	47·0	23,586	4·0	327,700	51·0
	October.....	230,678	35·0	29,122	5·0	259,800	40·0
	November..	368,211	56·0	30,389	5·0	398,600	61·0
	December..	379,818	58·0	27,382	4·0	407,200	62·0
	January.....	377,115	58·0	27,085	4·0	404,200	62·0
	February...	354,931	54·0	26,463	4·0	381,400	58·0
	March.....	352,871	54·0	38,529	6·0	391,400	60·0
	Totals..	3,549,825	543·0	298,275	46·0	3,848,100	589·0
Cedar Rapids Manufacturing and Power Company, Montreal, P.Q.	April.....	35,767,000	5,473·0	8,710,000	1,333·0	44,477,000	6,806·0
	May.....	39,297,000	6,013·0	9,280,000	1,420·0	48,577,000	7,433·0
	June.....	41,764,000	6,391·0	6,498,000	994·0	48,262,000	7,385·0
	July.....	44,052,000	6,741·0	6,874,000	1,052·0	50,926,000	7,793·0
	August.....	41,836,000	6,402·0	9,064,000	1,387·0	50,900,000	7,789·0
	September..	41,024,000	6,278·0	9,262,000	1,417·0	50,286,000	7,695·0
	October.....	42,838,000	6,554·0	9,308,000	1,424·0	52,146,000	7,978·0
	November..	42,213,000	6,460·0	8,740,000	1,337·0	50,953,000	7,797·0
	December..	35,455,000	5,425·0	9,414,000	1,439·0	44,869,000	6,864·0
	January.....	24,563,000	3,759·0	9,068,000	1,387·0	33,631,000	5,146·0
	February...	17,417,000	2,665·0	10,915,000	1,670·0	28,332,000	4,335·0
	March.....	22,164,000	3,392·0	17,819,000	2,730·0	39,983,000	6,122·0
	Totals..	428,390,000	65,553·0	14,952,000	17,590·0	543,342,000	83,143·0
Sherbrooke Railway and Power Co., Sherbrooke, P.Q.	April.....	24,000	4·0	715,200	109·0	739,200	113·0
	May.....	25,080	4·0	765,600	117·0	790,680	121·0
	June.....	24,000	4·0	734,400	112·0	758,400	116·0
	July.....	22,080	3·0	738,240	113·0	760,320	116·0
	August.....	19,940	3·0	776,880	119·0	796,820	122·0
	September..	19,680	3·0	764,400	117·0	784,080	120·0
	October.....	21,600	3·0	819,600	126·0	841,200	129·0
	November..	22,920	3·0	798,360	122·0	821,280	125·0
	December..	24,840	4·0	821,160	126·0	846,000	130·0
	January.....	23,640	4·0	791,640	121·0	815,280	125·0
	February...	21,720	3·0	748,080	114·0	769,800	117·0
	March.....	24,000	4·0	828,480	127·0	852,480	131·0
	Totals..	273,500	42·0	9,302,040	1,423·0	9,575,540	1,465·0



APPENDIX I.—*Concluded.*  
RECAPITULATION.

Name of Contractor.	Units Produced for Export.		Units Produced for use in Canada.		Total Output of Generating Station or other Source.	
	K.W. Hours.	H.P. Years.	K.W. Hours.	H.P. Years.	K.W. Hours.	H.P. Years.
Canadian Niagara Power Co...	315,227,479	48,237	165,370,521	25,305	480,598,000	73,542
Toronto Power Co.....	118,356,500	18,111	584,697,800	89,471	703,054,300	107,582
Ontario Power Co.....	328,442,040	50,259	638,557,160	97,713	966,999,200	147,972
Ontario and Minnesota Power Co.....	16,572,984	2,536	11,088,154	1,696	27,661,138	4,232
Western Canada Power Co...	13,692,820	2,095	78,796,210	12,057	92,489,030	14,152
British Columbia Electric Rail- way Company.....	296,190	45	60,874,625	9,315	61,170,815	9,360
Maine and New Brunswick Electric Power Co.....	3,459,825	543	298,275	46	3,758,100	589
Cedars Rapids Manufacturing and Power Co.....	428,390,000	65,553	114,952,000	17,590	543,342,000	83,143
Sherbrooke Railway and Power Co.....	273,500	42	9,302,040	1,423	9,575,540	1,465
Totals.....	1,224,711,338	187,421	1,664,037,785	254,616	2,888,748,123	442,037

ORMOND HIGMAN,  
Chief Engineer.  
Gas and Electricity Inspection.

J. U. VINCENT,  
Deputy Minister.

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.







SESSIONAL PAPER No. 13

Newcastle, Town of.....	Steam.....	325	2	60	2,300	220	110	2	350
New Brunswick Power Co. ....	Steam.....	7,000	3	60	2,300	250	107	341	6,751
Port Elgin Electric Light Co. ....	Steam.....	50		DC.	220	220	220		72
Sherwood, C. M., Ltd.....	Water.....	160					110		
St. Leonard Electric Co., Ltd.....	Purchased.....				110	110	110	5	55
St. Stephen Electric Light Co.....	Turbine.....	600	3	60	2,200	220	110	2	292
Shediac Electric Light and Power Co.....	Water.....	108	3	60	2,200	110	110	1	85
Grand Falls, Town of.....	Purchased.....				2,200	220	110	3	125
Woodstock Elec. Ry. Light and Power Co.....	Turbine.....	250	3	60	2,300	2300/550 220/110	110	4	500
Annapolis Royal, Town of.....	Turbine.....	240	2		2,500	104	104		3
Antigonish Electric Co.....	Steam.....	115		DC.	115/230		115		136
Acadia Electric Light Co.....	Steam and oil.....	125+50	3	60	2,300		110		246
Acadia Coal Co.....	Steam.....	5,000	3	50	3,150	525	110		7
Bridgewater, Town of.....	Water.....	316	2	60	2,200		110		
Bridgewater Electric Light and Power Co., Ltd.....	Water.....	175	1	60	2,300		110		
Bear River and Digby Elec. Lt. H. and Power Co., Ltd.....	Water.....	70	3	60	2,200		110		
Canso, Town of.....	Gas.....	95	3		2,300		110		155
Canadian Electric Co., Ltd.....	Steam.....	3,000		60	11,000	2,200- 550 220	110- 115 220	45	989
Chambers Electric Light and Power Co., Ltd.....	Steam.....	545			125	220	125	43	777
Cape Briton Electric Co., Ltd.....	Steam.....	2,745	2	60	2,300	2300 220	2300/110	84	2,631
Dominion, Town of.....	Purchased.....		1	25	22	220	110		159
Dartmouth Gas, Electric Lt., H'g. and Power Co., Ltd.....			3	60			110	4	651
Daley, John.....		136			2,300		104		
Dartmouth, Town of.....	Water.....	50	3	60	2,200		110		
Edison Electric Light and Power Co.....		500	1 & 2	60	2,080		104		83
Glace Bay Electric Light Plant.....	Steam.....	600	2	60	2,200	110	110		595
Hantsport, Town of.....	Steam.....	75	3		2,200		110		68
Inverness Railway and Coal Co.....		75		DC.	125		125		
Kentville Electric Light and Power Co., Ltd.....	Steam.....	120	3	60	2,200		110		173
Lawrencetown Electric Light Commission.....	Purchased.....	40							
Lunenburg Gas Co., Ltd.....	Water.....	400	3	60	3,250		110		48
Liverpool, Town of.....	Water.....	750	2	60	2,400	220	101		
Mahone Water Commission.....			1	60	2,300	220	110		40
Middleton Electric Light Co.....	Gas.....	66	3	60	2,300		110		140
Nova Scotia Tramways and Power Co., Ltd.....	Steam.....	4,280	3	60	2,200	325 100	110	316	5,044
Pictou, Municipality of.....	Steam.....	450	2		2,300	500 220	110	6	400
Pictou County Electric Co., Ltd.....	Steam.....	1,125	3	60	2,300	110 220	104- 108, 112	63	1,487

Halifax, N.S.....











APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act.,—Continued.

District.	Company.	Address.	PRIME MOVER.		Phases of System	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Sherbrooke, Que. Concluded.	Mainville, J. U.	Roxton Falls.	Water and steam.	Water, 100 Steam, 80	1	133	1,500	.....	100	.....	32
	Parker, J. B.	Dixville.	Water.	40	.....	.....	115	.....	100	.....	1
	Pike, W. M. & Son.	Rock Island.	Water.	33	.....	DC.	110	110	.....	.....	.....
	Richmond County Electric Co.	Richmond.	Water.	360	2	133	2,300	.....	100	.....	400
	St. Frances Water Power Co.	Thetford Mines.	Water.	3,000	3	60	2,400	2,400	110	5	30
	Shipton Electric Light and Power Co.	Danville.	Water and steam.	210-150	1	60	2,080/	.....	110	.....	110
	Sutton, Corporation of Village of.	Sutton.	Purchased.	.....	3	60	2,308	6,600	115	.....	250
	Sherbrooke Ry. and Power Co.	Sherbrooke.	Water.	5,800	3	60	2,200	550-220	110	20	618
	Sherbrooke, Corporation of.	Sherbrooke.	Water.	5,200	3	60	2,200/	550-220	108	35	3,731
	Scotstown Electric Light and Power Co.	Scotstown.	Water.	200	.....	60	6,600	.....	110	.....	.....
	Two Miles Falls Water Power Co.	Weedon.	Water.	1,250	3	60	2,400	550-220	110	1	33
	Windsor, Corporation of Town of.	Windsor.	Purchased.	.....	.....	.....	.....	.....	.....	4	224
St. Hyacinthe, Que.	Westbury Electric Light and Power Co.	Cookshire.	Turbine.	250	3	60	3,000	550	110	2	500
	S. Rousseau.	Brome, Que.	Turbine.	100	1	133	1,040	.....	110	.....	6
	Athabaska Water and Power Co.	Victoriaville.	Purchased.	.....	3	60	.....	2,200/ 220	110	15	345
	Belanger, N.	St. Pie.	Water.	75	.....	60	2,200	.....	110	.....	17
	Bedford Light Co., Ltd.	Bedford.	Steam and water.	100	.....	133	1,000	.....	110	.....	3
	Beloeil, la Ville de.	Beloeil.	Purchased.	.....	3	60	2,400	550	110	4	162
	Clark, W., Ltd., Electric Light Plant.	St. Remi.	Steam.	135	3	60	2,200	220	110	1	132
	Cornell, M. S. & Sons.	Stanbridge East.	Water.	27	.....	DC.	110	.....	110	.....	2
	Dorval, Corporation of.	Dorval.	Purchased.	136	3	60	2,200	220	110	2	142
	Farnham, Town of.	Farnham.	Water and steam.	1,560	3	60	2,300	550	110	.....	425
	Guertin, P.	Acton Vale.	Water and steam.	50	1	60	2,200	.....	104	.....	14



SESSIONAL PAPER No. 13

La Cie de Gaz, Electricite et Pouvoir.	St. Hyacinthe	Turbine.....	2,000	3	60	6,600	550	110	22	1,275
La Cie Electrique de Nicolet.	Nicolet.....	Purchased..		3	60		100&220	110	4	125
Marieville, Corporation de la Ville.	Marieville.....	Purchased..		2	60	2,200	220/440	110		165
Pierrefonds Electric, Ltd.....	St. Genevieve de Pierrefonds.	Purchased..		3	60	2,200	550 2200	110		59
Sorel Light and Power Co., Ltd.	Sorel.....	Purchased..		3	60		440	110	30	1,000
Southern Canada Power Co....	Cowansville.....	Water.....	69.2	3	60	2,300	550	110		15
Southern Canada Power Co....	Drummondville.....	Water.....	400	3	60	2,300	550-220	110	14	500
St. Maurice Light and Power Co.	Pierreville.....	Purchased..			30	5,000		110	1	53
St. Johns & Iberville Electric Co.	St. Johns.....	Purchased..		3	60	2,200	2,200	110	25	922
Vancheesteing, Mde. V. J.....	St. Jovite.....	Water.....	60	1	133	1,100	550	110		12
Verdun, Corporation of.....	Verdun.....	Steam.....	600	3	60	2,200	550-220	110	6	4,000
Three Rivers, Que.										
Belleville, Ont.....										
Fair & Mullett.....	Bancroft.....		75		DC.	125		125		
Hydro-Electric Power Com...	Belleville.....	Water.....				2,300	550-220	120-240	64	1,700
Bobcaygeon Electric Light Commission.	Bobcaygeon.....	Water.....	200	3	60	2,300	110	110		
Hydro-Electric Power Com...	Bowmanville.....		1,500			44,000	220,500	110	17	667
Hydro-Electric Power Com...	Brighton.....					2,200	220,500	110	6	380
Public Utilities Com.....	Brockville.....	Steam.....	1,400	3	60	2,200	220-550	110	59	1,361
Water and Light Com.....	Campbellford.....	Water.....	3,450	3	60	2,400	220-550	110		3
Hydro-Electric Com.....	Cobourg.....						220	110	17	646
Hydro-Electric Power Com...	Deseronto.....						2,400	110	7	165
Menzies, A.....	Fenelon Falls.....	Water.....	600	3	60	550		110		
Electric Light and Water Sup- ply Co., Ltd.	Gananoque.....	Water and steam.	1,400	3	60	2,400 250	550	120	32	458
Folds Company, Limited.....	Hastings.....	Water.....	100	2	60	2,200		110		4
Electric Light and Power Co., Ltd.	Havelock.....	Water.....	135	3	60	4,400	110-220	110		
Kemptville Milling Co.....	Kemptville.....	Water.....	350	3	60	10,000	220	110		2
Light, Heat and Power Dept.	Kingston.....	Steam.....	800	3	60	2,200	550	110 220	103	2,078
Lakefield Electric Light Co....	Lakefield.....	Water.....	125	3	60	2,200	550	110		
Hydro-Electric Power Com...	Lindsay.....	Turbine.....	1,500	3	60	550	1,040	110	4	1,372
Electric Lighting Committee	Madoc.....	Purchased..					220	220		4
Marmora Electric Light Plant	Marmora.....	Turbine.....	100	1	125	1,040	220	104		
Rideau Power Co., Ltd.....	Merrickville.....	Water.....	750	3	60	600	600	110		92
Hydro-Electric Power Com...	Milbrook.....			3		44,000	110 220	110 220	3	141
Hydro-Electric Power Com...	Napanee.....						110 220	110	16	508
Hydro-Electric Power Com...	Newcastle.....		100			44,000	2,400	110		144



List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc.,—*Con.*

District.	Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Belleville, Ont. <i>Concluded.</i>	Harrison, W. C.	Norwood.....	Steam.....	75	1	133	1,000	.....	110	.....	.....
	Stephenson, Wm. G.	Omamee.....	Water.....	30	.....	.....	220	220	220	.....	.....
	Hydro-Electric Power Com.	Orono.....	.....	.....	3	.....	4,200	220	110	4	131
	Hydro-Electric Power Com.	Oshawa.....	.....	.....	.....	60	6,600/	550	110	49	1,406
	Peterborough Utilities Com.	Peterborough.....	.....	.....	.....	.....	2,200	110/220	.....	.....	4,170
	Hydro-Electric Power Com.	Port Hope.....	.....	.....	3	60	2,200	220/550	110	32	786
	Tait, William.	Picton.....	Steam.....	.....	2	60	2,200	110/220	110	16	640
	Hydro-Electric Power Com.	Prescott.....	.....	.....	.....	.....	.....	220	110	15	602
	Electric Department.	Stirling.....	.....	.....	1	.....	2,400	120/240	120/240	.....	1
	Electric Light Co., Ltd.	Sydney.....	Steam.....	90	3	60	2,200	110/220	110	1	76
	Hydro-Electric Power Com.	Trenton.....	Water.....	5,000	.....	60	6,600	220	120	55	950
	Hydro-Electric Power Com.	Tweed.....	.....	.....	.....	.....	.....	2,200	110	7	240
	Goodrich, J. H.	Warkworth.....	Water.....	80	2	60	2,200	110	110	.....	5
	Niles, W. P.	Wellington.....	Gas.....	65	.....	.....	500	500	250	.....	.....
	Westport Electric Light Co.	Westport.....	Water.....	286	3	60	2,300	.....	110	.....	.....
	Hydro-Electric Power Com.	Whitby.....	Water.....	.....	3	60	.....	220	.....	5	.....
	Benjamin Wheel Co., Ltd.	Yarker.....	Water.....	40	.....	DC.	125	.....	125	.....	.....
	Peebles, G. M.	Colborne.....	Hydro.....	.....	.....	.....	.....	.....	110	1	150
	Dryden, Town of.....	Dryden.....	Purchased..	.....	3	60	550	550	110	1	103
Fort William, Ont.	Dryden Timber and Power Co., Ltd.	Dryden.....	Water.....	2,000	3	60	600	600	110	.....	.....
	Ontario and Minnesota Power Co., Ltd.	Fort Frances.....	.....	6,666	3	60	6,600	550	2,200/110	7	.....
	Fort Frances, Town of.....	Fort Frances.....	Water.....	6,800	3	60	6,600	220	110	15	450
	Kaministiquia Power Co., Ltd.	Fort William.....	Water.....	25,000	3	60	3,600/	550	.....	.....	.....
	Kenora, Corporation of Town of.	Kenora.....	Water.....	3,296	3	60	2,400	2,200	2,200/110	15	360
	Public Utilities Commission.	Port Arthur.....	Water.....	.....	3	60	2,200	220/550	220/110	46	3,182
	McMahon, H. C. & Co.	Mine Centre.....	Oil.....	6	.....	DC.	60-70	.....	50	.....	.....
	Municipality of McIrwine.....	Fort William.....	Water.....	6,800	3	60	6,600	.....	110	10	.....
	Rainy River Electric Light and Power Co.	Rainy River.....	Steam.....	150	3	60	2,200	110	110	.....	200
	Electric Dept. of City of Fort William.	Fort William.....	Purchased..	.....	.....	.....	.....	224	112	41	4,295



SESSIONAL PAPER No. 13

Hamilton, Ont.....	Acton, Corporation of Town of Acton.....	Hydro.....	.....	3	25	13,500	550	110	7	245
	Ayr Hydro-Electric System.....	Hydro.....	300	.....	25	4,000	550	110/220	2	118
	Baden, Police Village of.....	Hydro.....	.....	3	25	.....	220	110	5	75
	Hamilton Cataract Power, Light and Traction Co., Ltd.....	Water.....	46,000	3	66	2,400	220	112	6	260
	Western Counties Electric Co., Ltd.....	Water.....	2,800	3	66	2,200	220	110	115	2,013
	Brantford Hydro-Electric System.....	Hydro.....	.....	.....	.....	26,000	550	110/220	29	2,462
	Hamilton Cataract Power, Light and Traction Co., Ltd.....	Water.....	46,200	3	66	2,400	220	112	20	680
	Caledonia, Village of.....	.....	.....	.....	.....	.....	220	110/220	6	69
	Delhi Light and Power Co., Ltd.....	Water.....	290	3	60	2,300	220	110	4	108
	Public Utilities Commission.....	Water.....	.....	3	60	.....	220/550	110	38	772
	Dundas Electric Co., Ltd.....	Water.....	.....	3	66	2,400	220	112	5	75
	Dunnville Hydro-Electric System.....	Water and gas.....	125	3	60	2,200	.....	104	.....	102
	Elmira Public Utilities Commission.....	.....	300	.....	25	2,200	550	110	12	310
	Hydro-Electric Commission.....	Hydro.....	.....	1	25	6,600	550	110/220	80	2,600
	Hydro-Electric Com. of Twp. Grantham.....	Hydro.....	.....	3	25	2,200	220	110/220	.....	125
	Hamilton Cataract Power, Light and Traction Co., Ltd.....	Water.....	.....	3	66	2,400	220	112	21	500
	Grimsby.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hagersville, Corporation of....	Hydro.....	.....	3	25	.....	2,200	110	4	200
	Hamilton Electric Light and Power Co., Ltd.....	Water.....	.....	3	66	2,400	220/110	112	60	4,289
	Hamilton Cataract Power, Light and Traction Co., Ltd.....	Water and steam.....	46,200	2	60	2,400	220	112	405	60
	Electric Power and Manufacturing Co., Ltd.....	Water.....	.....	3	66	2,400	112	.....	10	.....
	Hamilton Hydro-Electric System.....	Hydro.....	.....	3	25	13,200	2,200/220	110	450	14,038
	Hespeler Hydro-Electric.....	Hydro.....	.....	3	25	2,200	550	110	14	270
	Kitchener Light Commission.....	Hydro.....	.....	.....	.....	.....	550	110	148	3,011
	Merrittton Municipal Electric Light and Power Co.....	Purchased.....	.....	3	25	.....	2,200/2,200	110/220	1	201
	Milton Hydro-Electric Com....	.....	750	3	25	.....	2,200/2,200	110/220	6	250
	New Hamburg Municipal Electric Dept.....	Hydro.....	300	3	25	2,200	550	110	5	280
	Ontario Power Co. of Niagara Falls.....	Water.....	160,000	3	25	12,000	60,000	110	34	258
	Niagara Falls Hydro-Electric System.....	Hydro.....	60	3	125	2,200	220/440	110	41	2,350



APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc.—*Con.*

District.	Company.	Address.	PRIME MOVER.		Phases of System.	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Hamilton, Ont. <i>Concluded.</i>	Municipal Light and Power Plant.	Niagara	Purchased.		1	25	2,200	110, 220	110		330
	Paris Hydro-Electric and Water Com.	Paris	Hydro.	800	3	25	2,200	220/550	110	3	600
	Preston Light and Water Com.	Preston		1,360	3	25	2,200	550	110	34	977
	Simcoe Hydro-Electric Com.	Simcoe	Hydro.		3	25	26,000	550/220	110	12	125
	Municipal Light and Power.	Smithville	Purchased		3	60	.. ..	220	110	6	100
	Canadian Niagara Power Co.	Niagara Falls	Water.	100,000	3	25	11,000	220 2200	110	64	
							4,400/11,000				
	Lincoln Electric Light and Power Co., Ltd.	St. Catharines	Water.		213	60	2,200	220	110	115	1,000
	Hydro-Electric Com. of St. Catharines.	St. Catharines	Hydro.		3	25	12,000	220 550	110 220	105	2,856
	Green, Arthur E.	St. George	Hydro.		3	25	4,000	550	110	1	81
	Battle, James	Thorold			3	25	12,000/2,200			5	
	Thorold, Corporation of.	Thorold	Water.	220		60	2,200		110		494
	Toronto Power Co., Ltd.	Niagara Falls	Water.	125,000	3	25	12,000	12,000/60,000		18	
	Waterford Hydro Commission	Waterford	Hydro.		3	25	4,000	550	110	1	151
	Waterloo Water and Light Com.	Waterloo			1		13,200/3,200	2,200 550	110 220	43	730
London, Ont.	Welland Electrical Co., Ltd.	Welland			3	60		220	110		275
	Hydro-Electric Power Com.	Welland	Hydro.		3	25		220	110	25	500
	Wellesley Light and Power Com.	Wellesley	Hydro.		3	25		220/550	110	2	81
	Alvinston Power Co., Ltd.	Alvinston	Steam.	40	DC.		250	240	110		6
	Rock Glen Power Co., Ltd.	Arkona	Steam.	60	3	60	2,200	220	110	2	63
	Aylmer Water and Light System.	Aylmer	Steam.	300	3	60			110		400
	Beachville Hydro-Electric System.	Beachville	Hydro.	200	3	50	2,200	550	110	3	55
	Blenheim Hydro-Electric System.	Blenheim	Hydro.		3	25		220	110	1	300



The Corporation of Blyth....	Blyth.....	Steam.....	1	133	1,100	110	80
Cargill, Limited.....	Bruce.....	Water.....	DC.	.....	240	110	.....
John Nivins.....	Brussels.....	Steam.....	2	60	220	220	95
The Chatham Gas Co., Ltd.	Chatham.....	Steam and gas.	2	60	2,300	220/110	1,567
The Town of Chesley.....	Chesley.....	Purchased..	3	60	22,000	110	227
Public Utilities Commission..	Clinton.....	Purchased..	3	25	13,200	110	320
Comber Hydro-Electric.....	Comber.....	Purchased..	3	25	.....	110	72
J. S. Pincombe.....	Delaware.....	Purchased..	3	25	4,000	110	35
Dresden Hydro-Electric System.	Dresden..	Purchased..	3	25	2,300	110	310
Dutton Hydro System.....	Dutton..	Purchased..	3	25	2,300	110	162
Dorchester Hydro-Electric System.	Dorchester ..	.....	3	25	.....	110	80
Drumbo Hydro-Electric System.	Drumbo.....	.....	3	25	.....	110	57
Emb r o Hydro-Electric System.	Embro.....	.....	3	25	2,200	110	90
Ex e t e r Hydro-Electric System.	Exeter.....	.....	3	25	4,400	110	240
Public Utilities Com.....	Forest.....	.....	3	25	2,200	110	340
Glencoe Electric Light Com.	Glencoe.....	Gas.....	3	60	2,200	110	115
The Town of Goderich.....	Goderich.....	Purchased..	3	25	.....	110	662
Hensall Hydro-Electric System.	Hensall.....	.....	3	25	4,000	110	113
Ingersoll Water, Light and Sewer Com.	Ingersoll.....	.....	3	25	2,200	110	796
Kincardine Waterworks and Electric Light.	Kincardine.....	Steam.....	3	60	2,300	110	225
Trustees Village of Lambeth ..	Lambeth..	Purchased..	3	25	.....	110	69
Essex County Light and Power Co., Ltd.	Leamington.....	Water.....	3	60	2,200	110	1,587
Listowel Water and Light Commission.	Listowel..	Purchased..	3	25	4,400	110	354
Helena Costume Co., Ltd ..	London.....	Steam.....	DC.	.....	220	110	50
London Electric Light Co	London.....	Steam.....	1	60	2,300	115	1,805
Public Utilities Com.....	London.....	Hydro.....	3	25	2,200	110	9,249
Greene Swift Ltd	London.....	Steam.....	DC.	.....	500	110	6
Walter Stewart & Son.....	Lucknow.....	Steam.....	DC.	.....	120	110	19
Village of Lucan.....	Lucan.....	Hydro.....	3	25	.....	110	134
Jas. McHardy.....	Merlin.....	Gas.....	DC.	.....	110	110	10
Mildmay Electric Light Co., Ltd.	Mildmay..	Purchased..	.....	.....	.....	110	51
Light Power and Water Com.	Mitchell..	Hydro.....	3	25	1,100	110	300
Hydro-Electric Com.....	Mount Brydges.....	Hydro.....	3	25	.....	110	70
H. E. McNaughton.....	Newbury.....	Steam.....	DC.	.....	110	110	.....
The Norwich Electrical Dept.	Norwich..	Purchased..	3	25	2,200	110	312
Hydro-Electric Light and Power Com.	Palmerston..	Hydro.....	3	25	2,300	110	217
Paisley Electric Light Co	Paisley.....	Water.....	2	133	2,080	104	10
H. T. Bairdson & Co....	Park Hill..	Steam.....	DC.	.....	220	220	40



APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc.—*Con.*

District.	Company.	Address.	PRIME MOVER.		Phases of System.	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
London—Con.....	Corporation Village of Plattsville.	Plattsville.....	Hydro.....	.....	3	25	.....	550	110	2	83
	Petrolia Hydro-Electric System.	Petrolia.....	Hydro.....	.....	3	25	.....	550	110 220	1	450
	Hydro-Electric Dept.....	Port Stanley.....	Hydro.....	.....	3	25	2,200	550	110	1	120
	Public Utilities Com.....	Ridgetown.....	Hydro.....	.....	3	25	4,000	550	110/220	3	280
	The Sarnia Hydro-Electric System.	Sarnia.....	Hydro.....	.....	3	25	4,000	550	110	56	2,200
	Water, Light and Sewer Com.	Scaforth.....	Hydro.....	.....	3	25	13,200	220	110	18	397
	Saugeen Electric Light and Power Co.	Southampton.....	Water .....	325	3	60	6,600	550	110	4	521
	Public Utilities Com.....	Stratford.....	Hydro.....	.....	3	25	2,200	550	110	95	2,500
	Public Utilities Com.....	Strathroy.....	Hydro.....	300	3	25	13,200	550	110	8	470
	Water and Light Com.....	St. Marys.....	Hydro.....	.....	3	25	2,200	550	110	34	682
	Hydro-Electric Com.....	St. Thomas.....	Hydro.....	.....	3	25	2,200	550	110	109	2,764
	P. E. Steinman.....	Tavistock.....	Hydro..	50	3	25	2,200	.....	110	.....	130
	Teeswater Electric Light Co.	Teeswater.....	Steam and water.	100	1 & 2	25	1,100	.....	110	.....	80
	Thamesford Hydro-Electric System.	Thamesford.....	Hydro.....	.....	3	25	4,400	550	110	2	88
	Corporation of Thamesville.	Thamesville.....	Hydro.....	.....	.....	.....	.....	.....	110	.....	197
	Geo. Coultis & Son.....	Thedford.....	Steam.....	80	1	133	1,100	.....	110	.....	60
	Hydro-Electric Power Com...	Tilbury.....	Hydro.....	400	3	25	2,200	220	110	3	205
	Tillsonburg Hydro-Electric Co.	Tillsonburg.....	Hydro.....	250	3	25	2,200	550	110	.....	260
	Wallaceburg Hydro-Electric System.	Wallaceburg.....	Hydro.....	.....	3	25	2,200	550	110	12	599
	Walkerton Electric Light and Power Co., Ltd.	Walkerton.....	Water.....	400	3	60	2,300	220	110	5	250
	Walkerville Hydro-Electric System.	Walkerville.....	Hydro.....	.....	3	25	220/550	.....	110 220	75	1,719
	Marven White.....	Wheatley.....	Gas....	55	DC	.....	125	125	125	.....	.....
	Sauble Falls Light and Power Co.	Wiarton.....	Water.....	220	3	60	6,600	220	104	.....	81
	Town of Wingham.....	Wingham.....	Water and Steam.	400	3	60	2,200	550	110	2	382



## SESSIONAL PAPER No. 13

[illegible]

Ottawa, Ont.



APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc. *Con.*

District.	Company.	Address.	PRIME MOVER.		Phases of System.	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Ottawa, Ont., <i>Con.</i>	Winchester System.	Winchester.....	Hydro.....				4,400 3,300	220	110	1	160
	Vankleek Hill Electric Co., Ltd.	Vankleek Hill .....	Purchased..		2	60	120	120			33
Sudbury, Ont.....	Deagle, Fred.....	Blind River.....	Water.....	300	3	60	2,400	110 220	110		1
	Northern Ontario Light and Power Co., Ltd.	Cache Bay.....	Water.....	2,500	3	60	2,200	110 220	110		50
	Hydro-Electric Power Com... Chapleau Electric Light and Power Co.	Callander..... Chapleau.....	Water .....	400	3		2,300	220	110 110		94 343
	Canadian Copper Co.....	Copper Cliff.....	Water.....	20,600	3	25	2,400	550 220	110	56	
	Charlton-Englehart Light and Power Co.	Englehart.....	Water.....	1,080	3	60	2,200	550 220	110	6	190
	Elk Lake Power Co.....	Elk Lake.....	Water.....	300	3	60	550 580		110		12
	Spanish River Pulp and Paper Mills.	Espanola.....	Water.....	1,650	3		2,250	2,250/570	110 220		
	Little Current, corporation of.	Little Current .....	Steam.....	150	2	60	2,400		110		135
	Mattawa Electric Light and Power Co., Ltd.	Mattawa.....	Water.....	250	3		2,200		110		3
	Abitibi Power and Paper Co., Ltd.	Montreal, Que.....	Water.....	1,500	3	60	650	550	110		
	Hydro Electric Power Com...	North Bay.....	Water.....	2,000	3	60	2,200	550/220	110	16	2,035
	Hydro Electric Power Com...	Powassan.....					220	115 220	115	10	100
	Great Lakes Power Co., Ltd.	Sault Ste. Marie...	Water.....	350	3	60	2,200 500	550-220	104	6	8
	City Water and Light Dept...	Sault Ste. Marie...	Water.....		3	60	2,300	220/110	208 104	55	2,400
	Moose Mountain, Ltd.....	Sellwood.....	Purchased		3	60		33,000	110		15
	Northern Ontario Light and Power Co.	South Porcupine...	Water.....		3	25	12,000	550-220	110	12	288
Sudbury, Ont.	Northern Ontario Light and Power Co.	Sturgeon Falls.....	water.....	2,300	3	60	2,200	110/220	110		325
	Steelton, corporation of town of.	Steelton.....	Purchased..	6,000	3	60	2,200	220	110		586
	Sudbury, corporation of town of.	Sudbury .....	Purchased..	670	2	60	2,300	220	110		1,500
	Sudbury Flour Mills, Ltd.....	Sudbury.....	Water.....	1,333		60	2,300	550	110		



SESSIONAL PAPER No. 13

Toronto	Wahnapitac Power Co., Ltd.	Sudbury	Water	9,333	3	60	2,300	550	110	1	175
	Thessalon, town of	Thessalon	Steam	80	1	125	1,040	110	110		11
	Northern Canada Power Co.	Timmins	Water	3,000	3	25	12,000	12,000			958
	Northern Canada Power Co.	Timmins	Water	5,000	3	25	12,000	12,000			132
	Northern Ontario Light and Power Co.	Timmins	Water		3	25	12,000	550-220	110	24	
	Alliston Electric Light Co.	Alliston	Steam and water	300 comb.	2	133	1,100		110		
	Cataract Electric Co., Ltd.	Alton	Water	400	3	60	2,200	220	110		20
	Corporation village Arthur	Arthur	Hydro		3	60	2,200	220	110		88
	Electric Light Dept	Aurora	Purchased	T & Y	3	25	4,200	550	110 220	9	400
	Wenger Milling Co.	Ayton	Water P.	Radial	DC		115		110		1
	Barrie Electric Light Dept	Barrie	Steam	10			2,300	220	110	18	1.158
	Corporation Village Beaverton	Beaverton	Water P.	450	2	60	1,200	220	110	6	191
	Corporation Village Beeton	Beeton	Steam	2,000	1	60	1,000	220	110		66
	Hydro Electric System	Bolton	Hydro	5	3	25	4,000	550	110	4	96
	Hydro Electric "Eders"	Bolton	Hydro		3	25	4,000	550	110	1	2
	Town of Brampton	Brampton	Hydro		3	25	13,000	550	110	24	860
	Corporation of Bracebridge	Bracebridge	Water P.	1,200	2	60	2,200	110	110		77
	The Village of Brechin	Brechin	Water P.	1,850	3	60	25,000	220	110	1	34
	The Knight Bros. Ltd.	Burks Falls	Water P.	2,000	1	125	1,100	500 DC	104		15
	Hydro Electric Dept	Cannington	Hydro	225	3	60	4,000	220	110	6	179
	Cataract Electric Co., Ltd.	Cataract	Water Turbine	Purchased	3	60	2,200		110		
	G. W. Collins	Chatsworth	Hydro Purchased	400	3	60	22,000	440	110	1	60
	Village of Coldwater	Coldwater	Transformers		3	60	2,200	550	110	1	113
	The Water and Light Com's	Collingwood	Hydro	300	3	60	22,000	220	110	34	961
	Geo. Clendenning	Collingwood Township	A. T. B.	1,100	3	60	2,300	2,200	110		20
	Village of Creemore	Creemore	Hydro	130	3	60	4,000	220	110	3	135
	Dundalk Hydro System	Dundalk	Hydro Purchased	200	3	60	22,000	220	110	2	160
	Drayton Mills Ltd	Drayton	Steam		3	60	2,200		110		16
	Cataract Electric Co., Ltd.	Erin	Water	100	3	60	2,200		110		35
	Hydro Electric Com.	Flora	Transformers	400	3	25	4,000	550	110	3	170
	Village of Elmvale	Elmvale	Transformers	300	3	60	2,200		110		
	The Village of Flesherton	Flesherton	Purchased	300	3	60	2,200	220	110	3	134
	Hydro Electric Dept	Fergus	Hydro	300	3	60	4,000		110		85
	Corporation of Village of Grand Valley	Grand Valley	Hydro	300	3	25	2,300	550	110	9	239
	Electric Light and Water Com.	Gravenhurst	Hydro		3	60	22,000		110		90
	Light and Heat Commissioner	Guelph	Hydro	1,600	3	60	2,200	550	110	9	375
	H. Gruetzner	Hanover	Water	1,500	3	25	2,200	550	220 110	85	2,550
	Hydro Electric Com.	Harrison	Hydro	300	3	60	2,300	110	110		222
			transformers	300	3	25	4,400	550	110	2	170



APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc.—*Con.*

District.	Company.	Address.	PRIME MOVER.		Phases of System.	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Toronto, Ont. <i>Con.</i>	Public Utility Com.....	Huntsville.....	Water P.....	.....	3	60	6,600	220	110	2	344
	Hydro Electric Power Com.....	Markdale.....	Hydro.....	.....	3	60	4,000	220 110	110	6	175
	Corporation Village of Markham.	Markham.....	Steam.....	100	2	125	1,140	.....	110	.....	145
	Georgian Bay Light and Power Co., Ltd.	Meaford.....	Steam and water.	600	3	60	2,300	220	110	3	341
	The Midland Water and Light Com.	Midland.....	Hydro.....	.....	3	60	2,200	220	110	41	1,000
	Hydro Electric Power Com.	Mimico.....	Hydro.....	600	3	25	2,300	550	110	8	659
	Water and Light Com.....	Mount Forest.....	Hydro.....	400	3	60	2,200	220	110	5	259
	Albert Dike.....	Mount Albert.....	Gas engine.	65	DC.	.....	250	250	220	Flat rate.	
	The Corporation of Newmarket.	Newmarket.....	T. & Y. Radial.	120		25	1,400	550	110	10	545
	Municipality New Toronto....	New Toronto.....	Hydro.....	.....	3	25	2,300	550	110 220	9	250
	H. Gruetznr.....	Neustadt.....	Water P.....	300	3	60	2,300	110	104	.....	25
	Cataract Electric Co., Ltd....	Orangeville.....	Water P.....	400	3	60	2,200	220	110	.....	100
	Town of Orangeville.....	Orangeville.....	Hydro.....	450	3	60	4,400	220	110	2	138
	Orillia Water Light and Power Com.	Orillia.....	Water P.....	1,600	2	66	1,200	2,200	110	4	254
	Public Utilities Com.....	Owen Sound.....	Steam.....	2,900	3	60	4,400	550	110	83	1,811
	Corporation Town of Parry Sound.	Parry Sound.....	Water P.....	500	3	60	2,200	550	110	13	833
	Corporation Toronto Township	Peel County.....	Hydro.....	200	3	25	2,200	550	110	6	205
	Town of Penetanguishene.....	Penetanguishene.....	Hydro.....	600	3	60	2,200	.....	110	14	289
	Corporation town of Port Credit.	Port Credit.....	Hydro.....	300	3	25	2,200	550	110	3	180
	Corporation Village of Port McNichol.	Port McNichol.....	Hydro.....	66	3	60	2,200	220	115	2	100
	Corporation of Port Perry.....	Port Perry.....	Steam.....	75	1	133	1,100	.....	110	1	131
	Municipality Village Richmond Hill.	Richmond Hill.....	Purchased T. & Y. Radial.	.....	3	25	4,200	550	110	7	149
	Village of Rockwood.....	Rockwood.....	Purchased.....	50	3	25	15,000	220/550	110	5	85
	Shelburn Hydro-Electric Com.	Shelburn.....	Hydro.....	.....	3	60	4,200	220	110	.....	181
	South River Electric Co.....	South River.....	Steam.....	100	3	60	2,300	220	110	Flat rate.	
	Corporation Town of Stayner..	Stayner.....	Hydro.....	400	3	60	4,000	220	110	3	185
	Stouffville Electric Light Plant.	Stouffville.....	Steam.....	125	1	60	1,100	.....	110	.....	150



## SESSIONAL PAPER No. 13

Hydro-Electric Power Dept.	Sunderland.	Hydro.	De.		60	4,000	220	110	1	Flat	rate.	79
A. J. Lowick & Son.	Sutton West.	Water P.		50	60	220	220	220				101
Municipal Electric light.	Thornbury.	Water P.	1	75	125	1,040		104				75
Corporation of Tottenham.	Tottenham.	Steam.	DC.	60		125	125	110				219
Toronto and York Radial Ry. Co.	Toronto.	Hydro.	3		25	12,000	550	110	13			
D. M. Satir.	Toronto.	Hydro.	3	75	25							
Monarch Supply Co., Ltd.	Toronto.	Steam.	DC.	300		250	250	110/220	10			53
The Toronto Suburban Railway Co.	Toronto.	Hydro.	3	1,000	25	2,200	550	110	30		1,015	
Canada Veiling Co.	Toronto.	Hydro.	3	DC.	25		250	115	3			8
Kent Investments Ltd.	Toronto.	Purchased.	DC.					110				36
The Toronto Power Co., Ltd.	Toronto.	Hydraulic.	3	125,000	25	12,000	12,000		18			
Toronto Electric Light Co.	Toronto.	Purchased.	3	20,000	25	12,000	2,300	110		6,200	20,480	
Toronto Electric Light Co.	Toronto.	Steam.	DC.	21,000		250	240/480	110				
The Toronto Electric Com.	Toronto.	Purchased.	3	35,185	25		550	115/230	1,950		42,063	
J. W. Gould	Uxbridge.	Steam	1	75	125	1,040		104			110	
Hydro Electric Power Com.	Victoria Harbour.	Water P.	1	50	60	2,200		110			99	
Corporation Village Waubaushene	Waubaushene.	Purchased.	3	66	60	2,200	220	115	1		79	
The Weston Water and Light Com	Weston.	Purchased.	3		25	2,200	550	115	12		569	
Public Utility Com.	Whitby.	Purchased.	3		60	4,000	550	108	13		500	
The Woodbridge Hydro Electric Com	Woodbridge	Purchased.	3	300	25	4,000	550	110/220	6		98	
Hydro Electric Department.	Woodville.	Purchased.	3		60	4,000	220	110	3		70	
Beausejour, corporation of.	Beausejour.	Purchased.					13,000	110			50	
Boissevain, corporation of.	Boissevain.	Steam		135		2,200		110			130	
Brandon Electric Light Co, Ltd.	Brandon.	Steam and water	3	3,500	60	2,300	2,300	120	69		1,515	
Carberry, corporation of	Carberry.	Steam.	2	95	60	2,300		110/220			162	
Carman, corporation of	Carman	Steam		175		230		220			133	
Dauphin, corporation of.	Dauphin.	Steam.	2	537		2,200	220	105	29		585	
Killarney Electric Light Co	Killarney.	Steam.	3	100	60	2,300		110			110	
Minnedosa Power Co.	Minnedosa.	Water.	3	450	60	2,200	220	110	2		210	
Morden Municipal Electric Light Plant.	Morden.	Steam.	1	150	133	1,100		110			185	
Neepawa Municipal Light and Power Dept.	Neepawa.	Steam.	3	300	60	2,300	220	110/220	12		285	
Portage La Prairie, corporation of.	Portage La Prairie.	Steam.	3	900	60	2,200	220/550	110	30		700	
Rapid City, town of.	Rapid City.	Gas.	3	50	60	2,200		110			87	
Russell, Corporation of Town of.	Russell.	Gas.	3	75	60	2,250	110	110	1		114	
Selkirk Electrical Dept.	Selkirk.	Purchased.			60	2,200	110/220	110	56		450	
Shoal Lake, Corporation of.	Shoal Lake.	Oil.	3	55		110/220		110	2		88	
The Pas, Corporation of.	The Pas.	Oil.	3	240	60	2,300	220	110	3		255	
Winnipeg Light and Power Department.	Winnipeg.	Water.	3	48,000	60	6,600	550	110	849		34,445	
Winnipeg Electric Railway Co.	Winnipeg.	Water and steam.	3	40,000	60	2,300	110/220/550	110	869		15,712	



APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc.—*Con.*

District.	Company.	Address.	PRIME MOVER.		Phases of System.	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Regina, Sask.	Arcola Light and Power Co.	Arcola.	Oil.	44	1	60	1,100	.....	110/220	.....	91
	Battleford, Town of.	Battleford.	Purchased.	.....	3	60	2,300	220	110	16	270
	Broadview, Town of.	Broadview.	Gas.	75	3	60	2,200	.....	110	.....	102
	Crabb, David E.	Borden.	Oil.	12	.....	DC.	110	110	110	.....	.....
	Canora, Town of.	Canora.	Oil.	96	3	60	2,200	220	110	1	125
	Carlyle Town of.	Carlyle.	Steam.	52	3	60	2,300	.....	110	.....	74
	Davidson Light and Power Station.	Davidson.	Gas.	80	3	60	2,200	220	110	.....	115
	Eakins, H. G.	Shaunavon.	Oil.	25	.....	DC.	110/115	110/115	110/115	.....	3
	Earl Grey, Village of.	Earl Grey.	Oil.	15	.....	DC.	115	115	115	.....	.....
	Eastend Garage.	Eastend.	Gas.	25	.....	DC.	125	115	.....	.....	12
	Estevan, Town of.	Estevan.	Steam.	300	3	60	2,200	200	100	8	362
	Fort Qu'Appelle Power Co.	Fort Qu'Appelle.	Oil.	25	3	60	2,300	230	115	1	51
	Govan, Town of.	Govan.	Oil.	20	.....	DC.	120	.....	110	.....	53
	Grenfell, Town of.	Grenfell.	Gas.	64	3	60	2,200	.....	110	.....	123
	Hutchinson, Joseph.	Gull Lake.	Gas.	64	3	60	2,300	220	115	1	102
	Humboldt Electric Dept.	Humboldt.	Steam.	250	3	60	2,200	220/500	110	2	225
	Indian Head, Town of.	Indian Head.	Steam.	225	3	60	2,200	208	104	.....	240
	International Power Co.	North Portal.	Purchased.	.....	.....	.....	.....	.....	220	.....	25
	Kamsack, Municipality of.	Kamsack.	Gas.	200	3	60	2,200	110/220	110	3	165
	Klassen, H. M.	Herbert.	Gas.	64	3	60	2,300	115	115	1	139
	Kindersley, Town of.	Kindersley.	Steam.	135	3	60	2,200	220	110	1	141
	Langham, Town of.	Langham.	Gas.	50	3	60	2,200	.....	110	.....	75
	Lake Herbert.	Prussia.	Gas.	1-255	.....	DC.	125	115	115	1	44
	Lumsden Electric Light and Power Co., Ltd.	Lumsden.	Oil.	1-395	3	60	2,200	.....	110	.....	67
	Johnson, W. & Son.	Lloydminster.	Gas.	100	.....	DC.	220	220	220	.....	106
	Morrison, Wm. W.	Lashburn.	Oil.	25	.....	DC.	110	.....	110	.....	40
	Maple Creek Light, Power and Milling Co.	Maple Creek.	Steam.	100	3	60	2,200	.....	110	.....	110
	Melfort, Town of.	Melfort.	Oil.	150	3	60	2,200	220	110	1	188
	Melville, Corporation of.	Melville.	Gas.	250	3	60	2,300	220/2300	110/220	.....	350
	McCallum Hill Building, Ltd.	Regina.	Purchased.	130	.....	DC.	.....	.....	110	.....	50
	Moose Jaw, City of.	Moose Jaw.	Steam.	4,000	3	60	2,300	220	110	138	3,622



## SESSIONAL PAPER No. 13

Calgary, Alta.										110	110/220	1	79
Laponjade, E.	Morse.	Gas.	68	3	60	2,300	110	110	1	110	110/220	47	1,530
North Battleford, City of.	North Battleford.	Oil.	1,000	3	60	2,300	220	110	25	110			670
Outlook, Town of.	Outlook.	Gas.	72	3	60	2,200	220	110	1	110			150
Oxbow, Town of.	Oxbow.	Oil.	25		DC.	125	110	110		110			50
Prince Albert Municipal Elec. Light and Power Plant.	Prince Albert.	Steam.	1,600	3	60	2,200	220/550	110/220		110/220			
Qu'Appelle Electric Light Co.	Qu'Appelle.	Gas.	90		DC.	220	220	220		220			75
Radisson Iron Works.	Radison.	Oil.			DC.	115	115	115		115			35
Regina Electric Light and Power Dept.	Regina.	Steam.	10,910	3	60	2,200	110/220	110/220	300	110/220			5,577
Rosetown Electric Light and Power Co., Ltd.	Rosetown.	Steam.	110	3	60	2,300	2,300	220/110	1	220/110			80
Rouleau, Town of.	Rouleau.	Gas.	175	3	60	2,300		115		115			154
Saltcoats, Town of.	Saltcoats.	Gas.	50	3	60	2,200	110	110		110			85
Saskatoon Electric Light and Power Dept.	Saskatoon.	Steam.	7,973	2	60	2,400	2,200/220	110	389	110			4,781
Scott, Town of.	Scott.	Oil.	100	3		2,200	220	110	3	110			40
Semans Electric Light Co., Ltd.	Semans.	Oil.	15 & 9		DC.	120		115		115			28
Strassburg, Town of.	Strassburg.	Gas.	51	3	60	2,200		110		110			105
Swift Current, City of.	Swift Current.	Steam and gas.	900 & 265	3	60	2,200	220	110	40	110			860
Townsend, Arthur.	Milestone.	Oil.	30		DC.	110		110		110			
Tisdale Trading and Milling Co., Ltd.	Tisdale.	Steam.	14" & 14	3	60	550	2,200	110		110			49
Thompson, Alexander L.	Ponteix.	Oil.	20		DC.	110		110		110			73
Wadena Municipal Lighting Plant.	Wadena.	Gas.	65	3	60	2,300		112		112			
Watrous Electric Light Co.	Watrous.	Gas.	88	3	60	2,300	110/220	110		110			120
Weyburn, Corporation of.	Weyburn.	Steam.	550	3	60	2,300	220	110	45	110			760
Gordon, H. R.	Wilcox.	Oil.	9		DC.	115		115		115			
Wilkie, Town of.	Wilkie.	Oil.	100	3		2,200	220	110	1	110			130
Wolseley Light and Power Plant.	Wolseley.	Gas and oil.	110	3	60	2,300	110	110	2	110			145
Yellow Grass, Town of.	Yellow Grass.	Oil.	25		DC.	110/115		110		110			70
Yorkton, Corporation of.	Yorkton.	Oil.	650	3	60	2,200	550	110	17	110			614
Bankhead Mines, Limited.	Bankhead.	Steam.	500	3	60	2,200	550-220	110		110			372
Bowness Improvement Co.	Calgary.	Gas.	350	3	60	2,200	220	110	2	110			4
Calgary, Corporation of City of.	Calgary.	Steam and gas.	18,360	3	60	2,300	220	110	732	110			14,175
Calgary Water Power Co., Ltd.	Calgary.	Water and steam.	2,875	3	60	2,200	210	105	30	105			1,750
Calgary Power Co., Ltd.	Seebe.	Water.	30,000	3	60	12,000	600	110		110			
Canada West Coal Co., Ltd.	Taber.	Steam.	200	3	60	2,300	110	110	1	110			126
Cardston, Town of.	Cardston.	Steam.	100	2	60	2,200	2,200	110		110			164
Clareholm, Town of.	Clareholm.	Steam.	200	3	60	2,300		110		110			122
Coronation, Town of.	Coronation.	Steam.	120		60	2,200		110		110			120
Didsbury, Town of.	Didsbury.	Steam.	100	3	60	2,200	220	110	1	110			123
Franco-Canadian Collieries, Ltd.	Frank.	Steam.	750	3	60	2,200	440-220	110		110			4



## APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc.—*Con.*

District.	Company.	Address.	PRIME MOVER.		Phases of System	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Calgary— <i>Con.</i>	International Coal and Coke Co., Ltd.	Coleman.....	Steam.....	1,800	3	60	2,200/ 250	2,200/ 250	250	.....	.....
	Innisfail, Town of.....	Innisfail.....	Steam.....	100	3	60	2,200	.....	110	.....	133
	Knight Sugar Company.....	Raymond.....	Steam.....	100	3	60	2,300	220	110	1	4
	Lethbridge, City of.....	Lethbridge.....	Steam.....	3,000	2	60	2,200	2,200— 220/110	110	94	1,964
	Macleod, Municipality of Town of.	Macleod.....	Steam.....	600	3	60	2,300	220	110	7	428
	Medicine Hat, City of.....	Medicine Hat.....	Steam.....	4,800	3	60	2,300	550/220	110	80	1,100
	Mutz, A.....	Vulcan.....	Oil.....	35	.....	DC.	120	.....	110-120	.....	18
	Nanton, Town of.....	Nanton.....	Steam and gas.	125-75	3	60	2,200	.....	110	.....	115
	Northwestern Engineering and Supply Co., Ltd.	Okotoks.....	Gas.....	100	3	60	2,300	220	110	.....	.....
	Northwestern Engineering and Supply Co., Ltd.	Drumheller.....	Steam.....	110	3	60	2,300	220	110	1	77
	Pincher Creek Electric Light.	Pincher Creek.....	Steam.....	285	3	60	2,250	.....	110	.....	200
	Rocky Mountains Cement Co., Ltd.	Blairmore.....	Steam.....	150	3	60	2,300	110	110	1	1
	Stagg, Geo.....	High River.....	Steam.....	160	3	60	2,200	110	110	.....	220
	United Electric and Engineering Co., Ltd.	Bassano.....	Steam.....	80	3	60	2,300	220	110	.....	120
	Vigar, F. C.....	Gleichen.....	Steam.....	75	.....	DC.	110	110	110	.....	24
	Wino Power and Light Co.....	East Calgary.....	.....	.....	.....	.....	.....	210	110	4	6
	Camrose Municipal Power Pt.	Camrose.....	Steam.....	275	3	60	2,300	220	110	10	330
	Cardiff Collieries, Ltd.....	Cardiff.....	Steam.....	150	.....	DC.	250	250	250	.....	.....
	Brayau Collieries, Ltd.....	Nordogg.....	Steam.....	500	3	60	2,300	440-220	110	3	16
	Edmonton, City of.....	Edmonton.....	Steam.....	15,000	3	60	2,200	220	110/220	318	11,799
	Fort Saskatchewan, Town of..	Fort Saskatchewan.....	Steam.....	90	2	60	2,200	.....	110	.....	150
Edmonton, Alta...	Hardisty Electric Light Co....	Hardisty.....	Oil and gas.	12-50	.....	DC.	440-220	.....	220	.....	26
	Jasper Park Collieries.....	Pocahontas.....	Steam.....	100-250	3	60	480	440	110	.....	15
	Lacombe, Town of.....	Lacombe.....	Water and steam.	125	3	60	2,300	.....	110	.....	201
	Mountain Park Coal Co., Ltd.	Mountain Park.....	Steam.....	400	.....	DC.	250	250-220	250	.....	12
	Ponoka, Town of.....	Ponoka.....	Steam.....	75	3	.....	2,300	.....	110	.....	122



SESSIONAL PAPER No. 13

Stettler Electric Light Dept.	Stettler.....	200	3	60	2,200	220	110	9	170
Vegreville, Town of.....	Vegreville.....	225	3	60	2,200	220	110	.....	155
Vermilion, Town of.....	Vermilion.....	75	3	60	.....	2,200	110	.....	196
Wetaskiwin, Town of.....	Wetaskiwin.....	740	2	60	2,300	220	110	401	385
Ashcroft Water, Electric and Improvement Co.	Ashcroft.....	100	3	60	2,300	200	110	.....	98
Adams River Lumber Co., Ltd.	Chase.....	75	1	125	1,100	.....	110	.....	46
Armstrong, Corporation of City of.	Armstrong.....	300	3	60	2,200	110/220	110	4	200
Britannia Mining and Smelting Co., Ltd.	Britannia Beach.....	10,000	3	60	6,600	440-220	110	.....	168
B.C. Electric Railway Co., Ltd.	Vancouver.....	18,000	3	60	2,200	220	110	1,831	40,580
Cranbrooke Electric Light Co., Ltd.	Cranbrooke.....	500	2	60	2,200	220	110	7	590
Cascade Water, Power and Light Co., Ltd.	Rossland.....	1,000	3	60	2,000	200	110	.....	4
Canadian Western Lumber Co. Ltd.	Fraser Mills.....	3,000	3	60	500	500	110	35	.....
Crow's Nest Pass Electric Light and Power Co., Ltd.	Coal Creek.....	275	.....	DC.	220	.....	220	.....	.....
Crow's Nest Pass Electric Light and Power Co., Ltd.	Michel.....	400	.....	DC.	220	.....	.....	.....	.....
Denver Light and Power Co., Ltd.	New Denver.....	55	3	60	2,300	.....	110	.....	3
Daly Production Co., Ltd.....	Hedley.....	2,100	3	60	6,600-2,200	440/220	110	.....	3
Fernie, Corporation of City of.	Fernie.....	250	2	66	2,300	230	115	14	590
Golden Light Power and Water Co., Ltd.	Golden.....	90	3	60	2,300	.....	110	.....	5
Granby Consolidated Mining, Smelting and Power Co., Ltd.	Anyox.....	6,000	3	60	2,200	2,200-440/220	110	6	172
Grand Forks, Corporation of City of.	Grand Forks.....	.....	.....	.....	.....	2,200	110	10	400
Greenwood City Waterworks Co.	Greenwood.....	150	3	60	4,400	220	115	1	6
Kaslo, City of.....	Kaslo.....	250	2	60	1,100	1,100	110	.....	2
Kelowna, Corporation of City of.	Kelowna.....	620	3	60	2,300	220	110	36	456
Kamloops, Corporation of.....	Kamloops.....	4,000	3	60	2,200	2,200/220	110	30	1,112
Mission Water, Light and Power Co.	Mission City.....	70	3	60	300	225	110	.....	40
Merritt, Corporation of City of New Westminster, Corporation of.	Merritt.....	200	3	60	2,200	220	110	1	282
	New Westminster.....	.....	3	60	2,300	.....	110	.....	3,297



APPENDIX J.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, etc.—*Con.*

District.	Company.	Address.	PRIME MOVER		Phases of System.	Frequency of System.	Generator Voltage.	SERVICE VOLTAGES.		NUMBER OF METERS.	
			Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Vancouver, B.C.— <i>Con.</i>	Nelson, Corporation of City of	Nelson.....	Water.....	2,500	3	60	12,000	2,200 440/220	110	27	707
	Okanagan Saw Mills, Ltd.....	Enderby.....	Steam.....	100	1	60	2,080	2,300	110	.....	160
	Okanagan Securities Co., Ltd.....	Naramata.....	Water.....	60	3	.....	2,000	.....	110	.....	10
	Penticton, Corporation of.....	Penticton.....	Oil.....	200	3	60	4,700	220	110	2	435
	Prince George, City of.....	Prince George.....	Oil.....	150	3	60	2,300	2,300	115	.....	130
	Prince Rupert, Corporation of City of.	Prince Rupert.....	Water.....	1,650	3	60	4,400	2,200— 220	110	44	803
	Powell River Corporation, Ltd	Powell River.....	Water.....	9,600	3	50	600	600	110-220	.....	27
	Phoenix Electric Lighting Co., Ltd.	Phoenix.....	Purchased..	.....	.....	.....	.....	250	110	1	22
	Revelstoke, Corporation of City of.	Revelstoke.....	Gas and water.	250-2,300	3	60	2,300	220	110	22	722
	Rossland Water and Light Co.	Rossland.....	Purchased..	.....	.....	.....	.....	110	110	.....	101
	Sumas Electric Light Co.....	Huntingdon.....	Purchased..	.....	.....	.....	2,200	110	110	1	6
	Summerland, Corporation of District of.	West Summerland..	Water.....	30" 45	3	60	2,200	.....	110	.....	140
	South Kootenay Water Power Co.	Rossland.....	Purchased..	.....	.....	.....	.....	.....	.....	.....	.....
	Sandon Water Works and Light Co.	Sandon.....	Water.....	175	.....	DC.	125	110	110	.....	.....
	Salmon Arm, Corporation of City of.	Salmon Arm.....	Oil.....	150	3	60	2,200	110	110	1	110
	Vernon, Corporation of City of	Vernon.....	Oil.....	725	3	60	2,200	220	220/110	23	692
	Vancouver Power Co., Ltd....	Vancouver.....	Water.....	64,200	3	60	2,200	220-550	.....	.....	.....
	West Kootenay Power and Light Co., Ltd.	Rossland.....	Water.....	28,000	3	60	2,500	220-550	110	39	.....
	Western Power Co. of Canada, Ltd.	Vancouver.....	Water.....	39,000	3	60	4,400	220-550	115	508	1,150
Victoria, B.C.....	Alberni, Corporation of.....	Alberni.....	Purchased..	.....	.....	60	200	.....	110	.....	69
	British Columbia Electric Ry. Co., Ltd.	Victoria.....	Water.....	2,300	3	60	700	220-660	110	395	12,685
	Canadian Explosives, Limited	Victoria.....	Purchased..	.....	.....	.....	.....	220	110	.....	30
	Canadian Collieries (Dunsmuir) Ltd.	Cumberland.....	Turbine....	10,000	3	25	13,200	220-440	110	.....	100



SESSIONAL PAPER No. 13

Courtenay Electric Light and Power Co., Ltd.	Courtenay.....	Purchased..	.....	.....	.....	.....	110	110	16	94
Cumberland Electric Lighting Co., Ltd.	Cumberland.....	Purchased..	.....	.....	.....	.....	110	110	1	446
Duncan, Corporation of.....	Duncan.....	Oil.....	2-100	3	60	2,200	220	110	3	136
Ladysmith, Corporation of....	Ladysmith.....	Steam.....	160	3	60	2,200	.....	110	.....	400
Nanaimo Electric Light, Power and Heating Co., Ltd.	Nanaimo.....	Water and steam.	900	3	60	2,300	110/220	110	14	1,753
Pemberton Building Co.....	Victoria.....	Steam.....	113	.....	DC.	110	110	110	2	13
Port Alberni, Corporation of..	Port Alberni.....	Oil.....	150	3	60	2,300	.....	110	.....	120
Sayward, J. A.....	Victoria.....	Purchased..	.....	.....	.....	.....	500-220	110	6	14
Sussex Manufacturing Co., Ltd.	Sussex.....	Steam.....	75 & 125	2	133	2,000	.....	100	.....	325
Uplands, Limited.....	Victoria.....	Purchased..	.....	.....	.....	2,200	110	110	3	14
Vancouver Portland Cement Co., Ltd.	Victoria.....	Purchased..	.....	.....	.....	.....	.....	110	.....	15
Vancouver Island Power Co., Ltd.	Victoria.....	Water.....	25,500	3	60	2,300	.....	.....	.....	.....
Vancouver Island Power Co., Ltd.	Victoria.....	Steam.....	6,000	3	60	2,300	.....	.....	.....	.....
Victoria Electric Company....	Victoria.....	Purchased..	.....	.....	.....	.....	.....	110	.....	19

ORMOND HIGMAN,  
Chief Engineer,  
Gas and Electricity Inspection.

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 2, 1917.

J. U. VINCENT,  
Deputy Minister.



